nixeus®

FUSION HD

User Manual

Nixeus Technology, Inc.

Version 1.0

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Safety Information

WARNING: Failure to follow these safety instructions could result in fire, electric shock, or other injury or damage.

- Read these instructions
- Keep these instructions
- Heed all Warnings
- Follow all instructions
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not install near any hear sources such as radiators, stoves, or other apparatus (including amplifiers) that produce heat.
- Unplug this apparatus during lightning storms or when unused for long periods of time.

WARNING: To reduce the risk of electronic shock, do not remove the cover.

WARNING: The device can display static images, which can cause “burn in” on certain display screens.

Avoid leaving static images (such as photos or paused video) on screen for long periods of time.

WARNING: This device should be used only indoors in well-ventilated areas. Do not operate this device outside the temperature range of 41°F~95°F To reduce the risk of fire, electric shock, or interference, do not expose this appliance to rain, liquid, moisture, excessive heat, or naked flame. For technical support, please go to http://www.nixeus.com

CAUTION: About Laser and LED

Use of controls or adjustments, or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This device complies with International Standard IEC 60825-1:2001-08 for a Class 1 and Class 2 laser product.

This device also complies with 21CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated July 26, 2001.

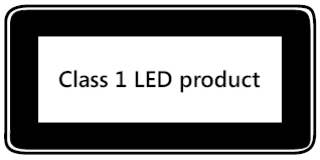
Class 1 Laser Devices

Beam description: Collimated (parallel) beam of infrared light (invisible to user)

Laser power output: ＜716 microwatts (at 832 nanometers) to 834 microwatts (at 865 nanometers)

Emitted laser wavelength: nominal: 850 nanometers, range: (832 – 865 nanometers)

A Class 1 laser product is safe under reasonable foreseeable conditions of operation as described by IEC 60825-1 and 21 CFR 1040.10. However, it is recommended that you not direct the laser beam (which is emitted from the bottom of the device) at anyone's eyes.



About This Manual

This User Manual gives you a step-by-step explanation of how to install and setup your Fusion HD Media Player.

For quick help, press the “

” button on the remote control.

(This key function will be supported later through firmware upgrades.)

Basic Setup

Package Contents

The product package should contain the following items:

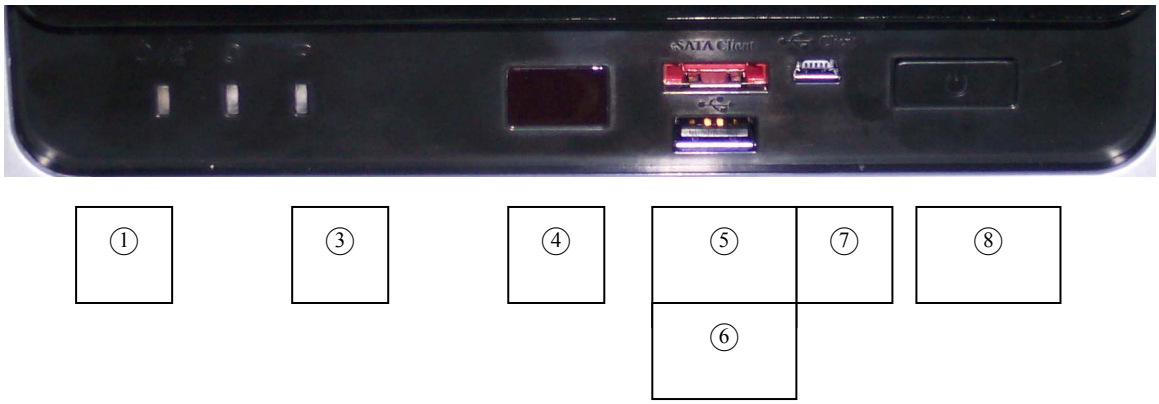
- Fusion HD media player
- USB Wi-Fi Dongle
- Remote Control/AAA batteries * 2
- 12V/2.5A Power supply
- Mini USB to A type USB cable
- HDD SATA Data and power cable (attached in the box)
- AV phone jack to RCA cable
- LAN Cable
- 4 screws for mounting the HDD
- Quick Start Guide

WARNING: Ensure you use the power adapter shipped with the unit.

Other power adapters may damage or even destroy the unit.

Hardware Overview

Front View



No#	Front Panel Description
①	Power on/Standby LED "Red": ● The power supply is attached but the device has not been powered on yet or the device has been powered off after use. "Orange" ●: The device is in standby or in the process of turning on. "Green" ●The device is operational.
③	Remote control LED
④	Remote sensor
⑤	eSATA port
⑥	USB host port
⑦	USB client port
⑧	Power On /Off button

Rear View

①	②	③	④	⑤	⑥	⑦

No#	Rear Panel Description
①	Power Adaptor
②	LAN
③	USB host port
④	S/PDIF Optical connector
⑤	S/PDIF Coaxial connector
⑥	A/V Phone Jack
⑦	HDMI port

Standby Mode: When you press the Power key on the remote control or the On/Off button on the unit, the system will enter standby mode.

Power Off: If you want to power off the system, please press the power key on the remote control for more than 2 seconds when the unit is operating or the On/Off button for more than 5 seconds when the unit is in standby mode.

Do not press the On/Off button for more than 5 seconds when the unit is operating, because this will force the unit to power-off and some data may be lost (eg. BitTorrent downloaded data)

Installation and Connection

Video & Audio

- The HDMI port is used for connecting your unit to your TV so you can view high-definition video and audio.
- The Optical and Coaxial S/PDIF connections are for connecting your unit to an external decoder or amplifier for high definition audio.
- Press the

hotkey button on the remote control and go to ‘System Setup’ → ‘Audio Setup’ to select Analog or Digital Audio Output.

- The A/V Phone jack is for connecting your unit to the CVBS/Analog audio RCA connectors on your TV. The adapter cable pictured below is included in the product package.

Storage Devices

- The eSATA port is for connecting the unit to your PC so that you can copy files from your PC to the device.
- eSATA connections are faster than the USB client ports on the device.
- The USB client port is another option for you to connect the unit to your PC and copy files from your PC to the unit.
- The USB host port can be used to connect external HDD enclosures, flash drives, Wi-Fi Dongles, Mice or keyboards to the unit.

Network Connection

- The Ethernet port or wireless dongle can be used to connect the unit to your home network router for local area network (LAN) or Internet connections.

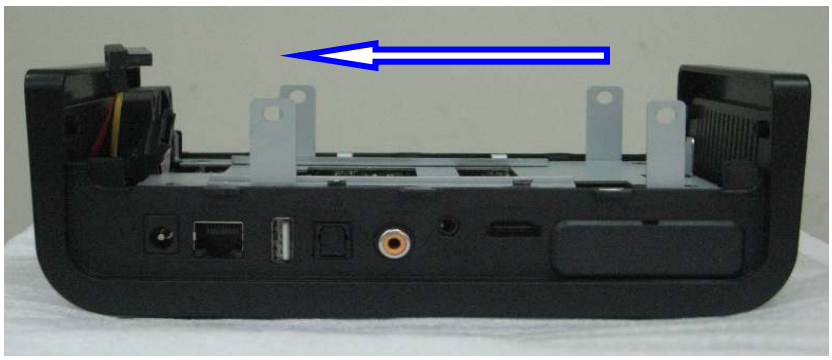
HDD Installation

To install a HDD into your unit, follow the instructions below;

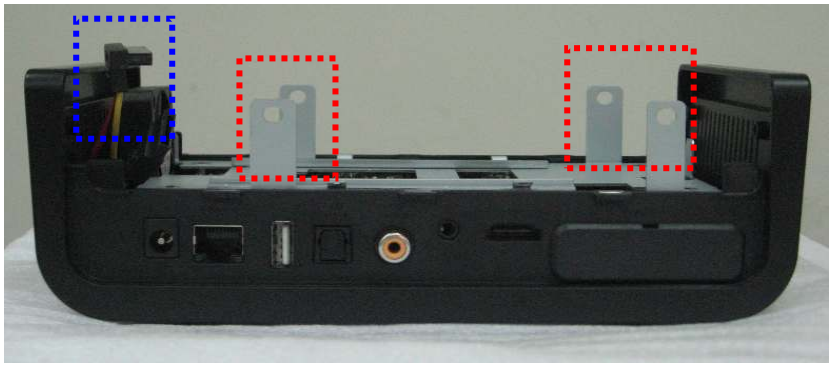
1. Use a screwdriver to remove the screws on the device.

2. Carefully remove the top cover.

3. Fit the HDD in as shown below.



4. Connect the power/data cable to the HDD.



5. Using a screwdriver, secure the HDD to the unit with the 4 screws provided.
6. Refit the cover back onto the unit and secure in place with the screws previously removed.

Networking

An example of a network with peripheral devices attached is below.

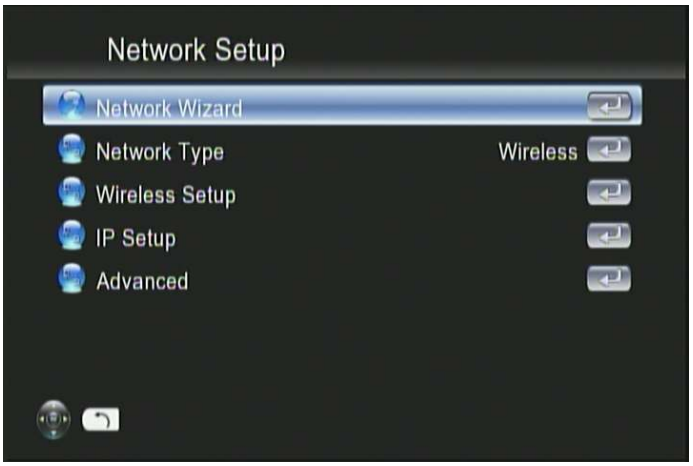
NETWORK DIAGRAM

Wired Network Setup

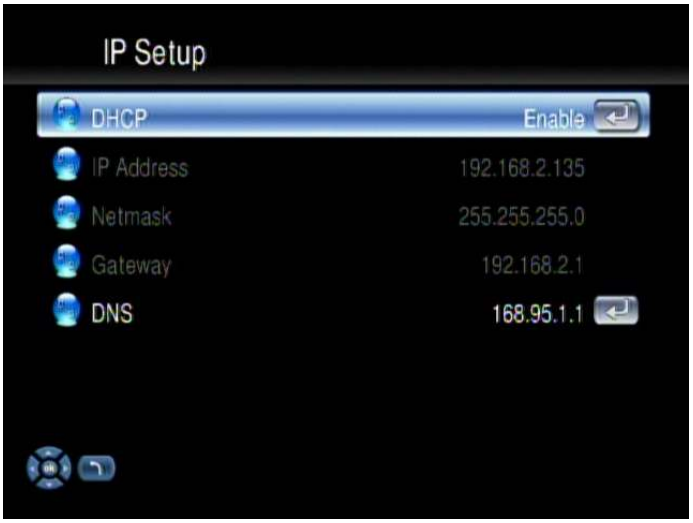
1. Press the

"Setup" hotkey on the remote control or select "SETUP" mode from the Main Menu.

2. Select "Network Setup" to configure and make changes to your network settings.



3. Once in “Network Setup”, Select “IP Setup”, and Enable DHCP or set your static IP address according to your network settings.



Wireless Network Setup

The unit supports wireless networking with a USB Wi-Fi dongle supplied with your unit. To enable wireless function, please make sure you plug the Wi-Fi dongle into the USB port before powering on the unit.

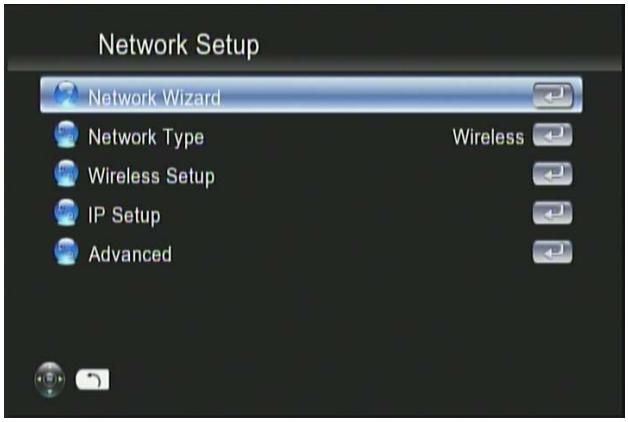
Please note that a USB Wi-Fi dongle not supplied with the unit may NOT be supported.

For high-definition video streaming a wired Ethernet connection between the unit and your network is recommended. Playback of normal video (eg. AVI or XviD) and music and photo viewing is recommended with the wireless connection.

1. Press the

"Setup" hotkey on the remote control or select "SETUP" from the Main Menu.

2. Select “Network Wizard” from setup main menu to start the setup wizard.



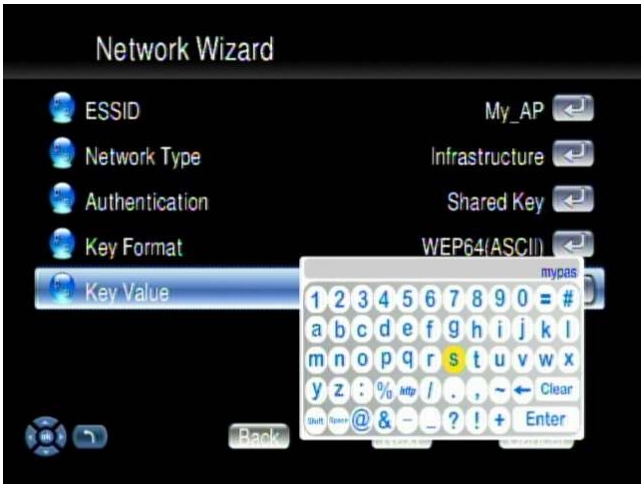
3. Once the wizard has started, choose the “Wireless” option.

4. Select

to look for all the available wireless networks and choose the one you wish to use.

5. If the network you choose is locked by password, a “Lock” icon will be shown. And the signal strength is indicated by the red (poor quality), yellow (fair quality) or green (good quality) light.

6. Select “Key Value”, and have your password ready to enter.



7. The Key Length of each Key Format is described in the table below.

For WPA and WPA2 format, the unit will detect and switch automatically.

Key Format	Key Length
WEP64(ASCII)	5 digits
WEP64(HEX)	10 digits
WEP128(ASCII)	13 digits
WEP128(HEX)	26 digits
WPA-PSK/WPA2-PSK	8 digits or more

8. Input your password and choose “Enter” to save.

Hidden Wireless Networks

If you can’t find the ESSID (Network Name) on the “ESSID Device List”, follow these steps to configure the wireless network manually.

1. Select Wireless Setup.
2. Select Network type as “Infrastructure” mode.
3. Press the “Back” button to accept the setting or press “OK” to change the setting.
4. Enter a value of up to 32 characters for the SSID by using the on-screen keyboard.
5. Input other related information eg. “Authentication”, “Key Format”, and proper “Key Value” of this hidden wireless network.
6. Press the “Back” or “Left” buttons to leave the wireless setup page and save the configuration.

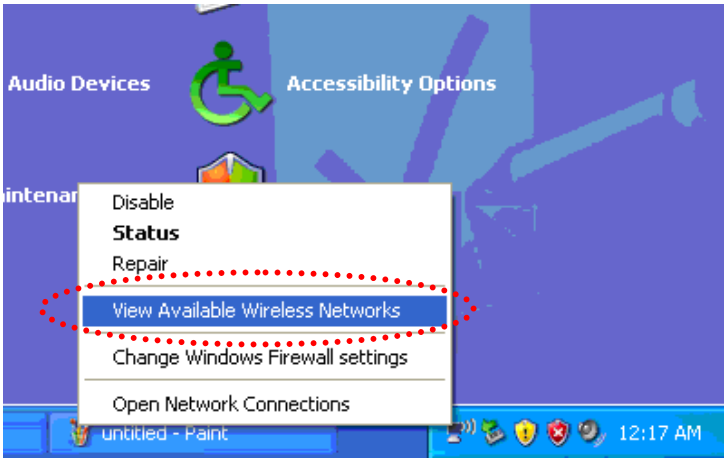
Wireless Setup for your PC

When using a wireless network, you have to ensure your PC is also setup to use the same AP as your Fusion HD

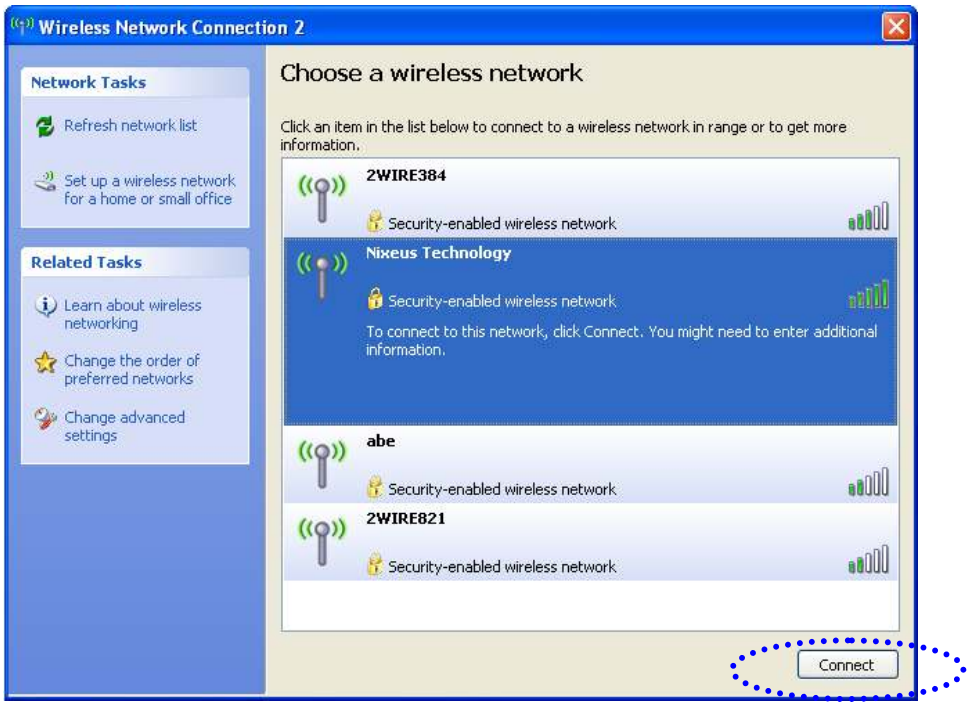
Follow the information below to ensure you have the correct settings.

Windows XP

1. Place the mouse cursor on the wireless icon down on the taskbar near the clock and press the right mouse button and select “View Available Wireless Networks” in the menu that pops up



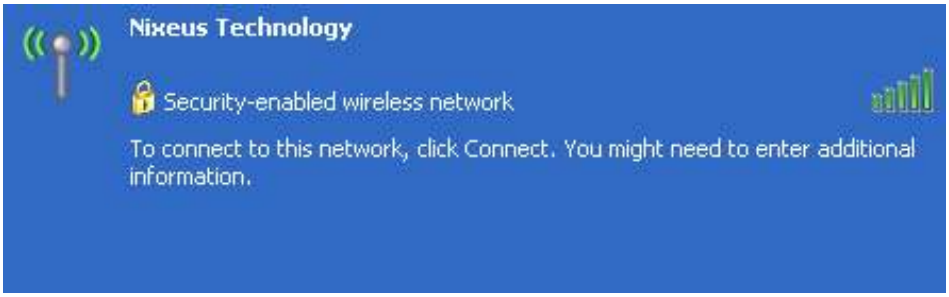
2. Choose the Wireless Network you want to use and click “Connect”.


Wireless Network Connection 2
Network Tasks
Refresh network list
Set up a wireless network for a home or small office
Related Tasks
Learn about wireless networking
Change the order of preferred networks
Change advanced settings
Choose a wireless network
Click an item in the list below to connect to a wireless network in range or to get more information.
2WIRE384
Security-enabled wireless network
Nixeus Technology
Security-enabled wireless network
To connect to this network, click Connect. You might need to enter additional information.
abe
Security-enabled wireless network
2WIRE821
Security-enabled wireless network
Connect

3. Input your network key if necessary.

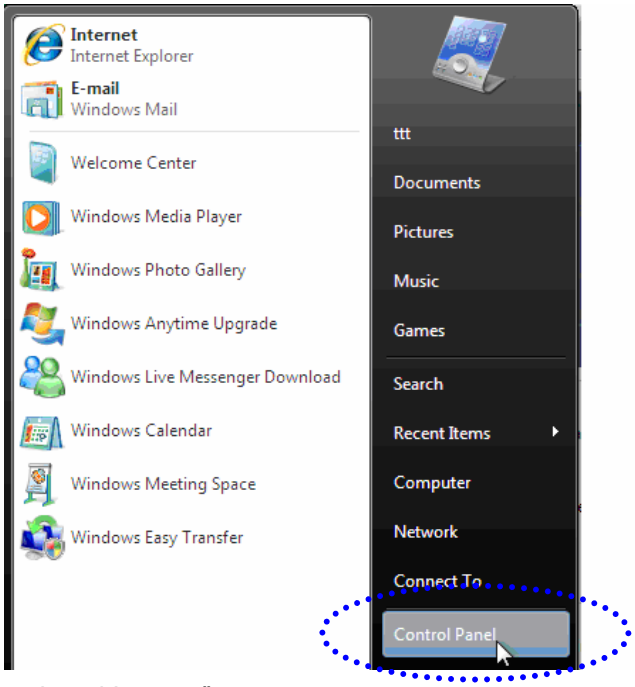
Wireless Network Connection
The network 'Nixeus Technology' requires a network key (also called a WEP key or WPA key). A network key helps prevent unknown intruders from connecting to this network.
Type the key, and then click Connect.
Network key:
Confirm network key:
Connect
Cancel

4. Network is successfully connected.

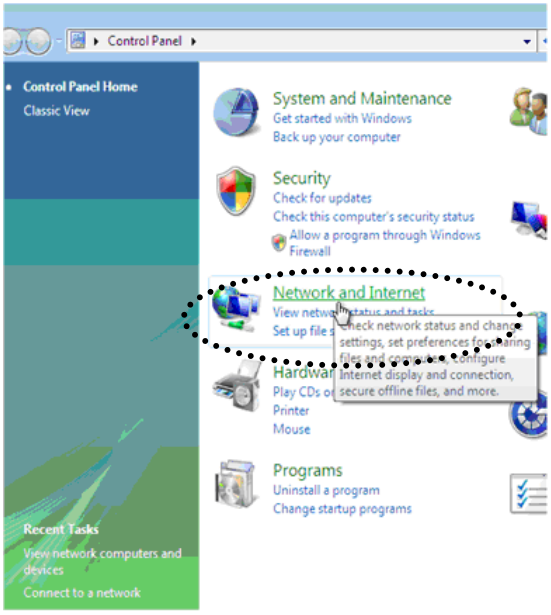

Nixeus Technology
Security-enabled wireless network
To connect to this network, click Connect. You might need to enter additional information.

Windows Vista

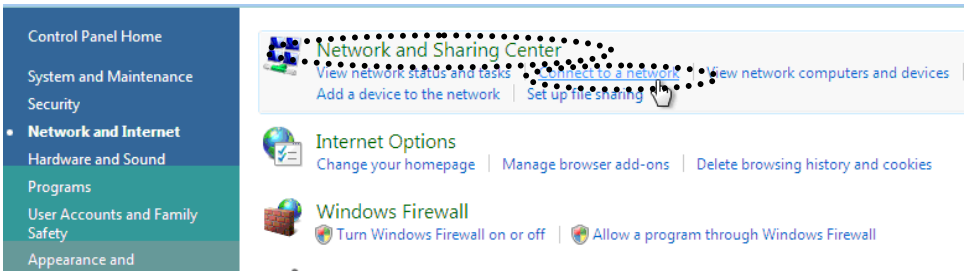
1. Select “Control Panel”.



2. Click on “Network and Internet”



3. Select “Network and Sharing Center” and click on “Connect to a network”

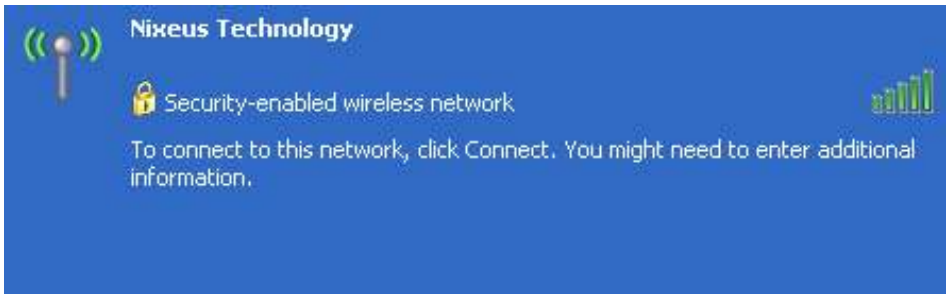


4. Select the right Access Point and click on “Connect”.

5. Input your network key if necessary.

Connect to a network
Type the network security key or passphrase for Nixeus Technology
The person who setup the network can give you the key or passphrase.
Security key or passphrase:
Display characters
If you have a USB flash drive with network settings for Nixeus Technology, insert it now.
Connect
Cancel

6. Network is successfully connected.


Nixeus Technology
Security-enabled wireless network
To connect to this network, click Connect. You might need to enter additional information.

Wireless Connection without an Access Point

The Fusion HD supports wireless Ethernet with a USB Wi-Fi dongle. To enable wireless function, please make sure you plug the Wi-Fi dongle into the USB port before powering on the unit.

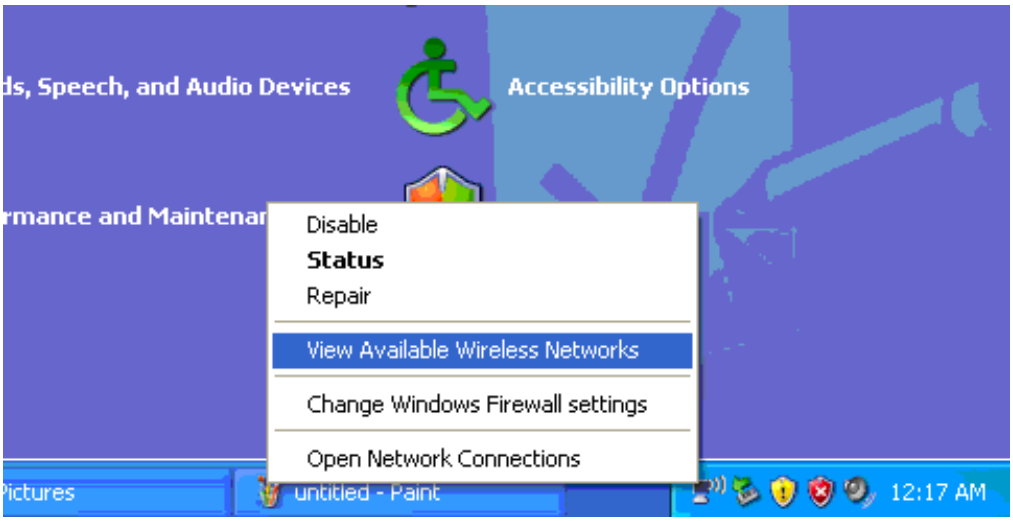
1. Press Setup hotkey or select “Setup Main Menu”.
2. Select “Wireless Network Setup”, and set ‘Network Type” as “Ad-hoc” mode.

3. Configure an ESSID with software as you wish.
4. You may choose to configure security settings for this connection or not.
5. Press “BACK” button on remote control to save the settings.
6. Go to your PC to configure your PC to wireless network.

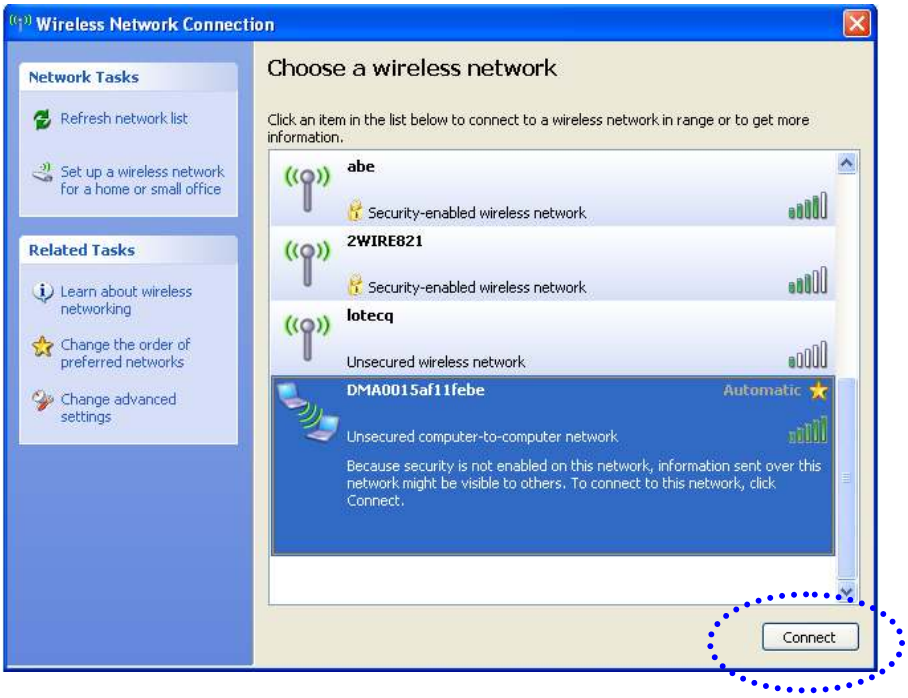
Wireless Configuration In Windows XP

Wireless Network Configuration

1. Click right button of mouse on wireless icon and select “View Available Wireless Networks”



2. Choose the wireless network you want and click “Connect”.


Wireless Network Connection
Network Tasks
Refresh network list
Set up a wireless network for a home or small office
Related Tasks
Learn about wireless networking
Change the order of preferred networks
Change advanced settings
Choose a wireless network
Click an item in the list below to connect to a wireless network in range or to get more information.
abe
Security-enabled wireless network
2WIRE821
Security-enabled wireless network
lotecq
Unsecured wireless network
DMA0015af11febe
Automatic
Unsecured computer-to-computer network
Because security is not enabled on this network, information sent over this network might be visible to others. To connect to this network, click Connect.
Connect

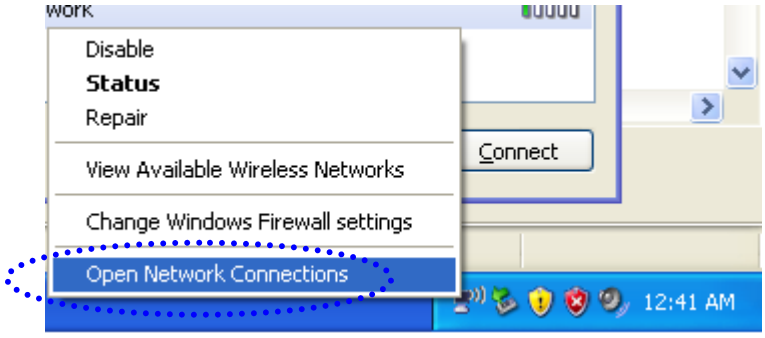
3. Peer-To- Peer network is successfully connected.

DMA0015af11febe
Automatic
Unsecured computer-to-computer network
Because security is not enabled on this network, information sent over this network might be visible to others. To connect to this network, click Connect.

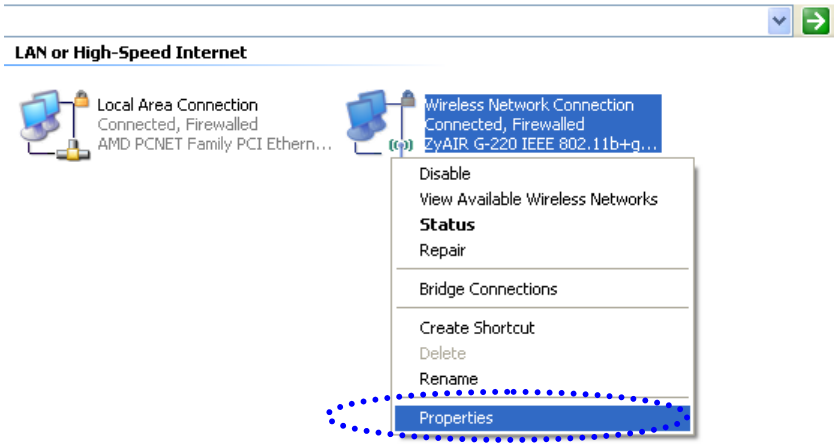
Ad-hoc Mode Settings

If it still doesn't work after the settings above have been configured, follow these steps to solve the problem.

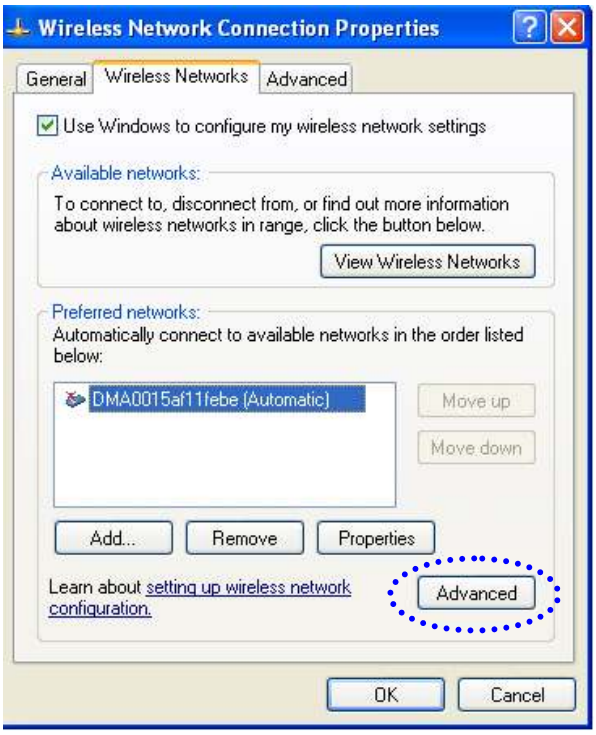
1. Place the mouse cursor on the wireless icon and press the right mouse button and select "Open Network Connections"



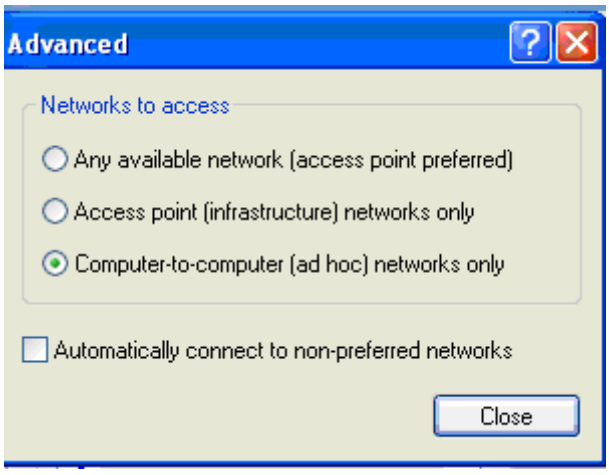
2. Choose your wireless network and click "Properties"



3. Choose the “Wireless Networks” Tab, and click “Advanced”



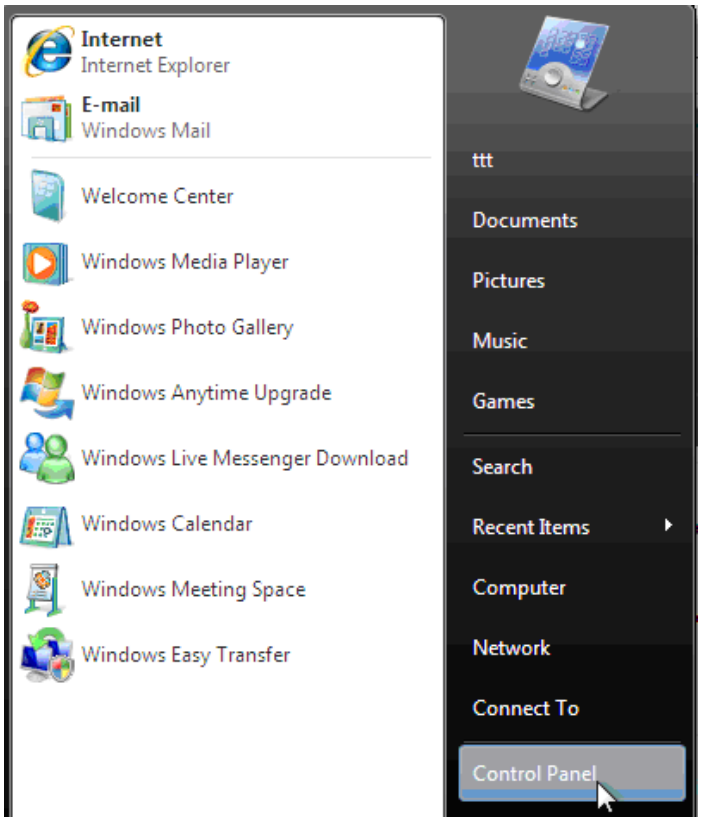
4. Select “Computer-to-compute (ad-hoc) mode” networks only and click on “Close”



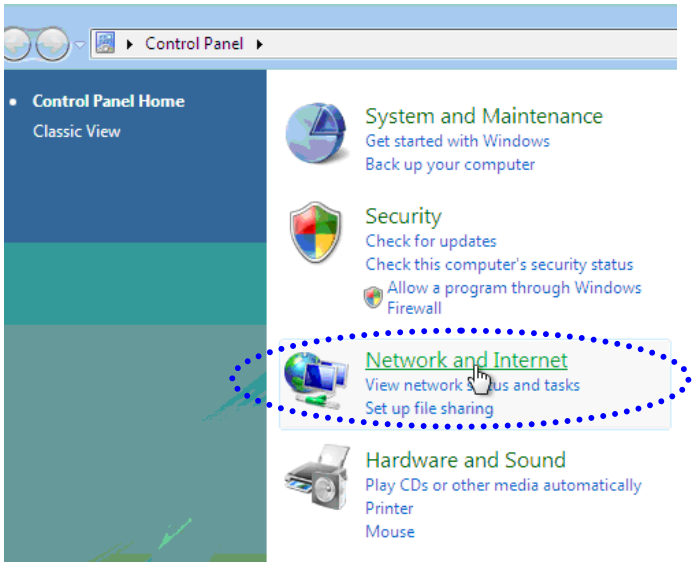
Wireless Configuration In Windows Vista

Wireless Network Configuration

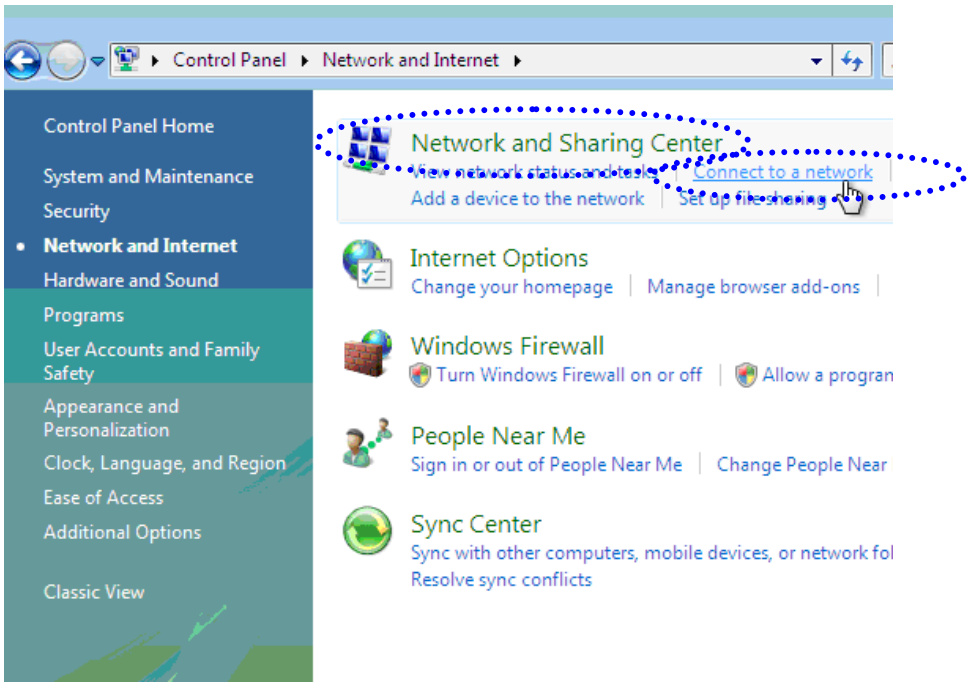
1. Select “Control Panel”



2. Select “Network & Internet”



3. Choose “Network and Sharing Center” and click on “Connect to a network”



4. Select the network you want and click “Connect”

5. Computer to Computer network is done.

Advanced Network Setup

Connecting The Fusion HD to PC directly by LAN cable

Use a crossover LAN cable to connect the LAN port of both the Fusion HD and the PC

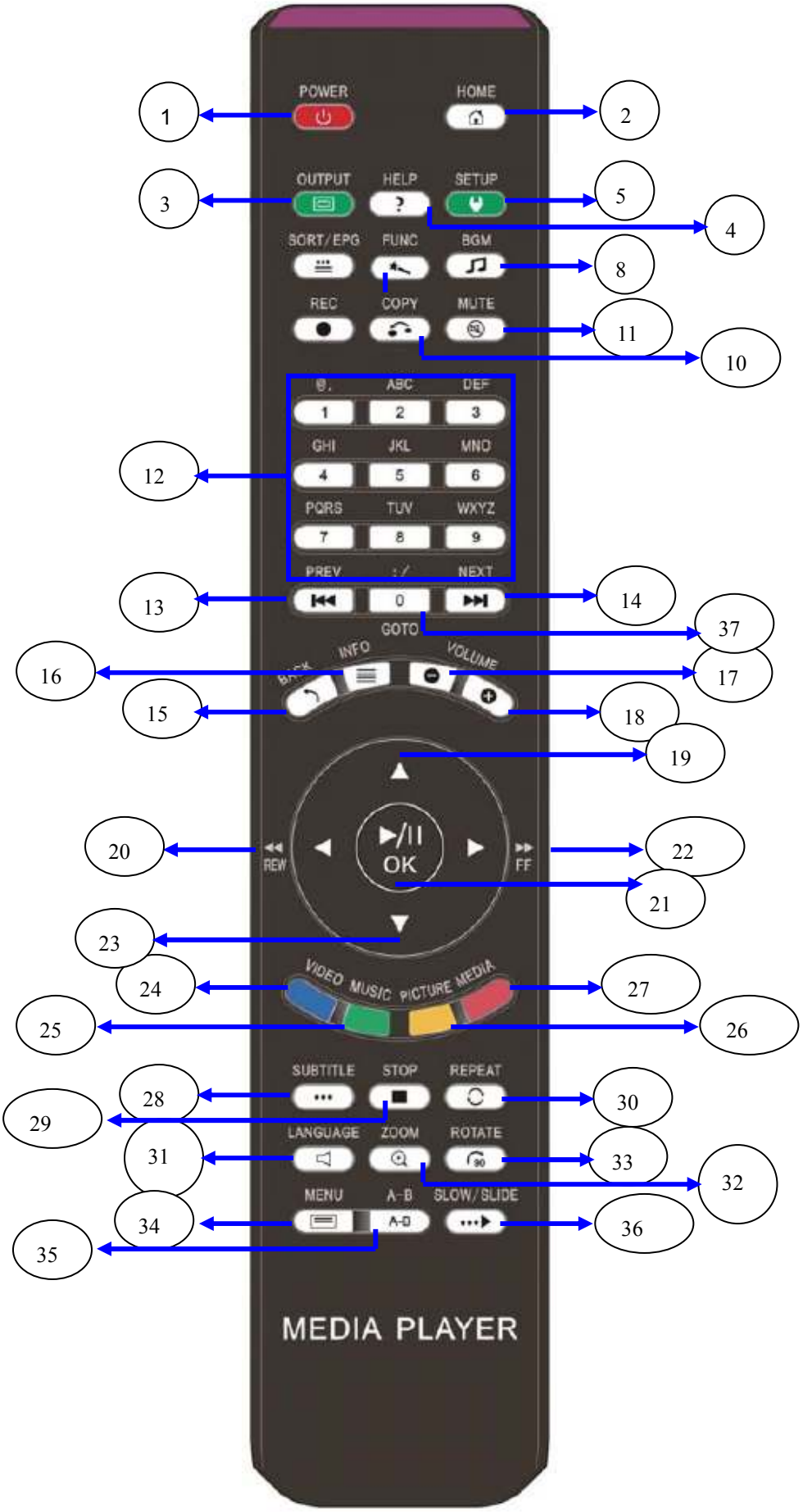
On the Fusion HD, press Setup hotkey or select “Setup Main Menu”.

Follow the on-screen instructions to complete your Wired Network settings.

TV Mode

Remote Control

The remote control is used to navigate menus and to select and watch videos, listen to music, or view photos on your TV.


POWER
HOME
OUTPUT
HELP
SETUP
SORT/EPG
FUNC
BGM
REC
COPY
MUTE
@.
ABC
DEF
GHI
JKL
MNO
PQRS
TUV
WXYZ
PREV
:/
NEXT
GOTO
INFO
VOLUME
REW
FF
OK
VIDEO
MUSIC
PICTURE
MEDIA
SUBTITLE
STOP
REPEAT
LANGUAGE
ZOOM
ROTATE
MENU
A-B
SLOW/SLIDE
MEDIA PLAYER
1
2
3
4
5
8
10
11
12
13
14
15
16
17
18
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21
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30
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32
33
34
35
36
37

The table below lists the button functions of the remote control.

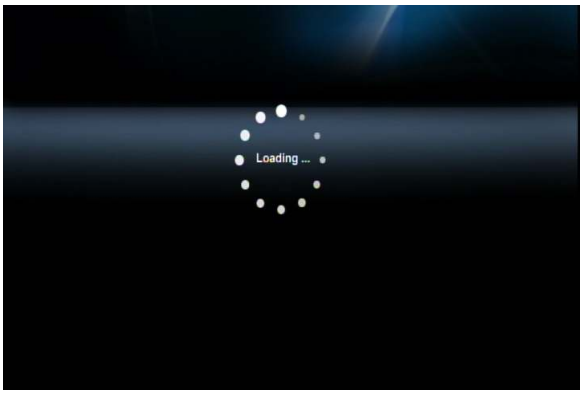
REMOTE CONTROL KEY FUNCTION TABLE

No.	*KEYPAD*	*FUNCTION DESCRIPTION*
1	**POWER**	Turn the unit On/Off.
2	**HOME**	Hotkey to return to Main Menu.
3	**OUTPUT**	Switch the video output type to Composite→HDMI in sequence.
4	**HELP**	(Reserved)
5	**SETUP**	Hotkey to the Setup main page.
8	**BGM**	Add/Remove a music file or iMedia station being used as background music.
10	**COPY**	Copy files or folders between external USB storage devices and SATA HDD, or delete
11	**MUTE**	Mute audio output.
12	**NUMBERS**	1. Input numbers when required. 2. Go to 00%-99% progress of current video or music file.
13	**PREV**	1. Skip to the previous page when browsing media files. 2. Skip to the previous file when playing media files.
14	**NEXT**	1. Skip to the next page when browsing media files. 2. Skip to the next file when playing media files.
15	**BACK**	1. Return to previous page. Save/cancel setting in setup pages. 2. Escape from Web Browser.
16	**INFO**	Display media info. Pressing twice will show more information.
17	**VOLUME —**	Decrease the volume.
18	**VOLUME +**	Increase the volume.
19, 20 22, 23	**DIRECTIONS**	To move the cursor for item selection.
21	**OK/Play Pause**	1. Play or pause media files 2. Enter the highlighted item.
24	**VIDEO**	Press to jump to VIDEO mode
25	**MUSIC**	Press to jump to MUSIC mode
26	**PICTURES**	Press to jump to PHOTO mode
27	**iMedia**	Press to jump to Internet Media mode
28	**SUBTITLE**	Select different subtitles
29	**STOP**	Stop playback.
30	**REPEAT**	1. Video & Music: Repeat current file or Repeat all files in this folder or cancel repeat function. 2. Photo: Repeat Background music.
31	**LANG**	Select different languages/audio tracks
32	**ZOOM**	Zoom video or photo.
33	**ROTATE**	Rotate the picture being viewed.
34	**MENU**	1. Go to the Menu of DVD films. 2. Choose directory levels when navigating.
35	**A-B**	Set/Cancel A-B repeat mode.
36	**SLOW/SLIDE**	Slow forward/backward the media with speed 1/2x, 1/4x,1/8x…
37	**:/**	Go to the specified time of current file.

TV Mode Setup

Please set the video source selector of your TV to match the connection to your unit. For example, if you use HDMI, set the TV to use the correct HDMI input port.

1. Turn on the unit. The LED on the front panel of the unit will turn orange during system startup and then green when it's ready.



START-UP PAGE

2. Check the TV display by going to 'Setup' → 'System Setup' → 'TV Mode Setup' → 'Video Output'.
3. The default display of the unit is Composite (CVBS). If you use HDMI, use the remote control to press the

"Output" button and cycle through the TV output modes to get the correct display mode.

Playing Media from the Local Network

The Fusion HD supports several network protocols for media streaming. Some popular usages are described in the following sections.

UPnP Servers

The unit will automatically detect all available UPnP AV compliant content servers on boot-up and list them on the UPnP column of the main menu. No additional setup is necessary.

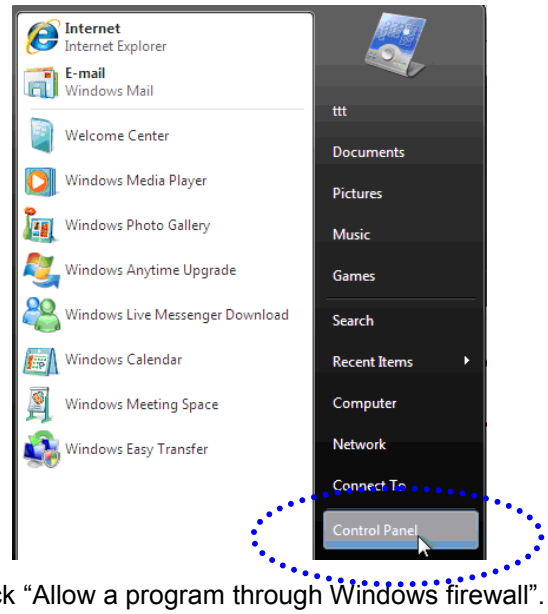
TVersity™ is a popular and free UPnP server software. Please refer to http://tversity.com for more information and to download the software.

Disabling The Firewall In Windows Vista

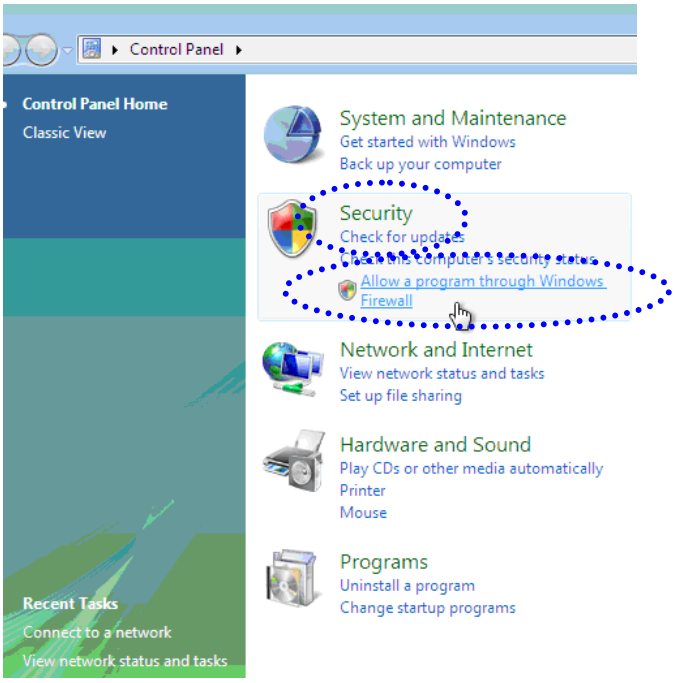
Some firewall and Anti-Virus tools will block the “UPnP” protocol. That will affect the connection between the “UPnP Server” and the unit. It is suggested to allow the “UPnP Server” to pass through your firewall or temporarily turn off your firewall when you are using the unit.

Follow the steps below to disable the firewall:

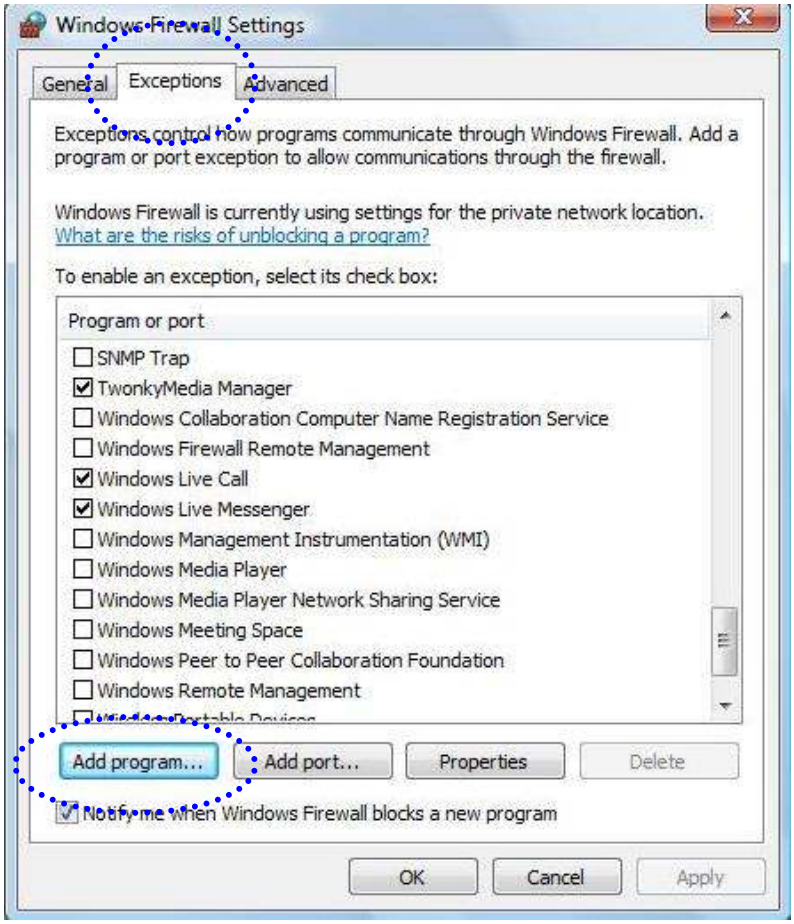
1. Select ‘Control Panel”



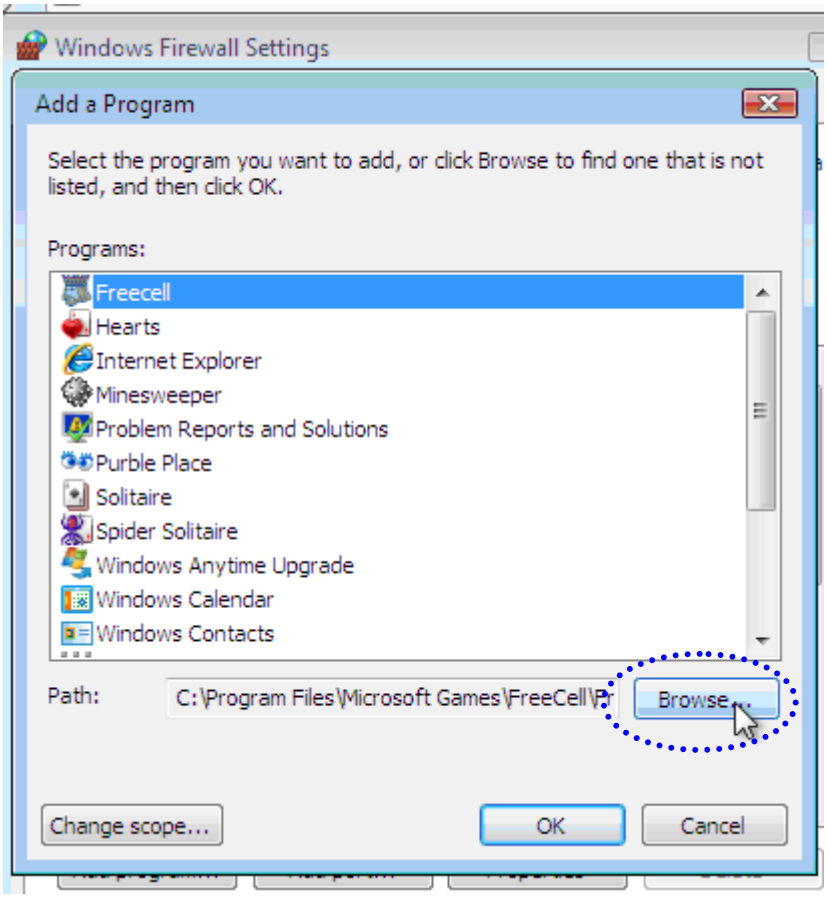
2. Select “Security” and click “Allow a program through Windows firewall”.



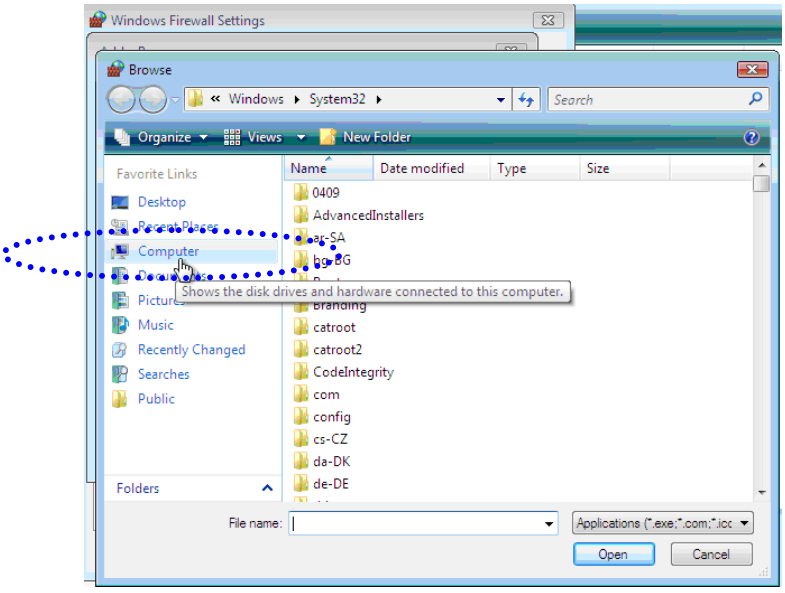
3. Choose “Exceptions” Tab, and click “Add program…”


Windows Firewall Settings
General
Exceptions
Advanced
Exceptions control how programs communicate through Windows Firewall. Add a program or port exception to allow communications through the firewall.
Windows Firewall is currently using settings for the private network location.
What are the risks of unblocking a program?
To enable an exception, select its check box:
Program or port
SNMP Trap
TwonkyMedia Manager
Windows Collaboration Computer Name Registration Service
Windows Firewall Remote Management
Windows Live Call
Windows Live Messenger
Windows Management Instrumentation (WMI)
Windows Media Player
Windows Media Player Network Sharing Service
Windows Meeting Space
Windows Peer to Peer Collaboration Foundation
Windows Remote Management
Add program...
Add port...
Properties
Delete
Notify me when Windows Firewall blocks a new program
OK
Cancel
Apply

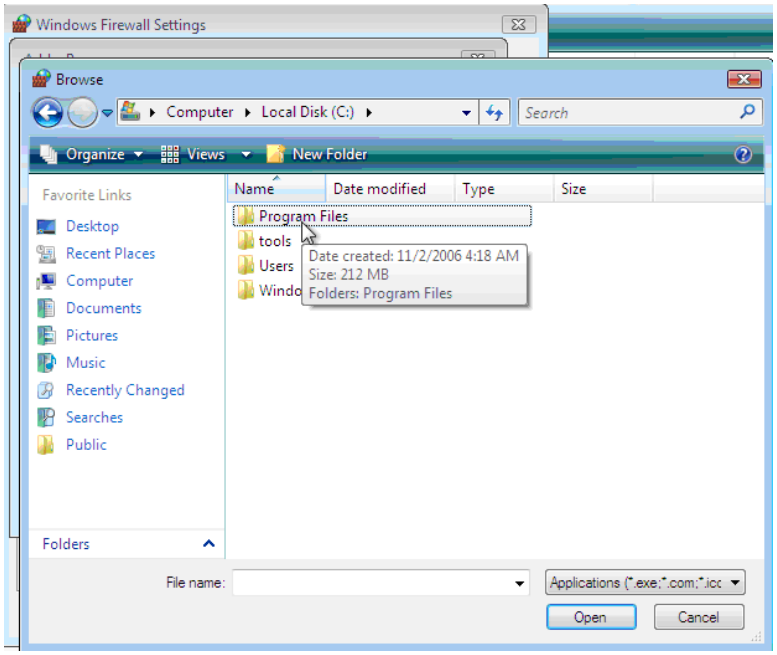
4. Click “Browse…” to browse for the UPnP Server program



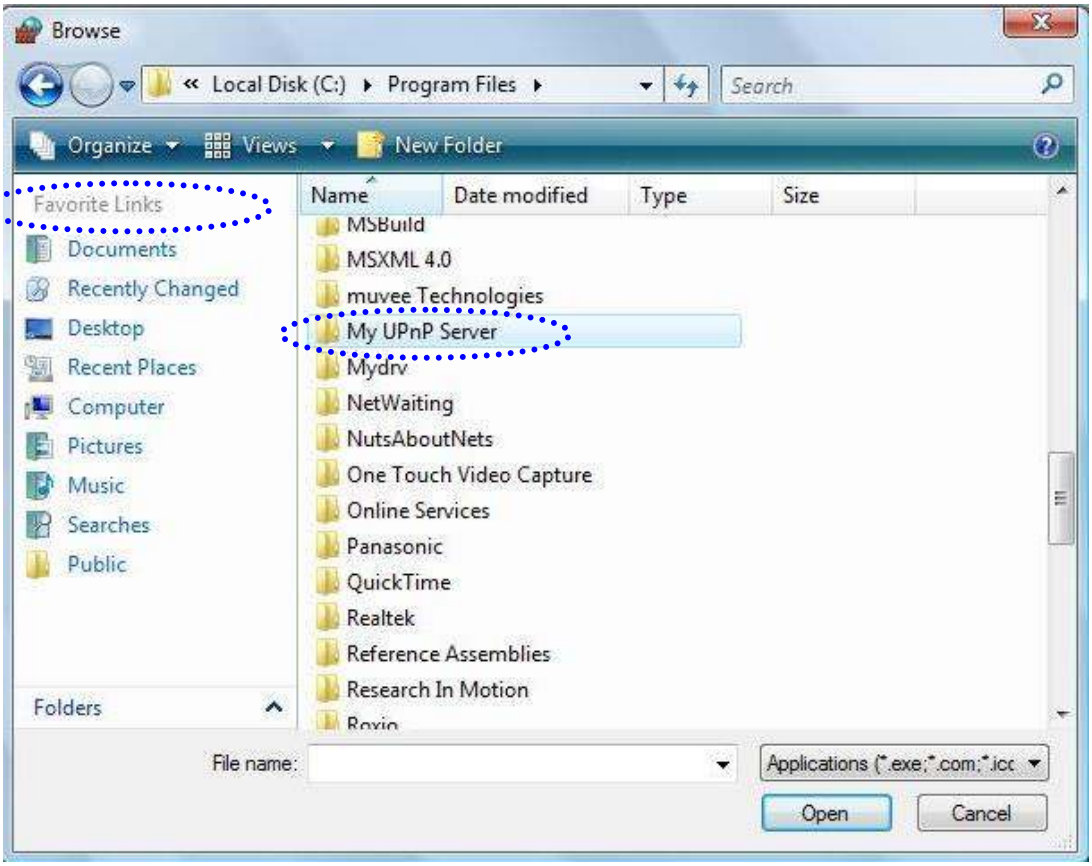
5. Follow the steps below to search for you UPnP server software in program files.
6. Click “Computer”.



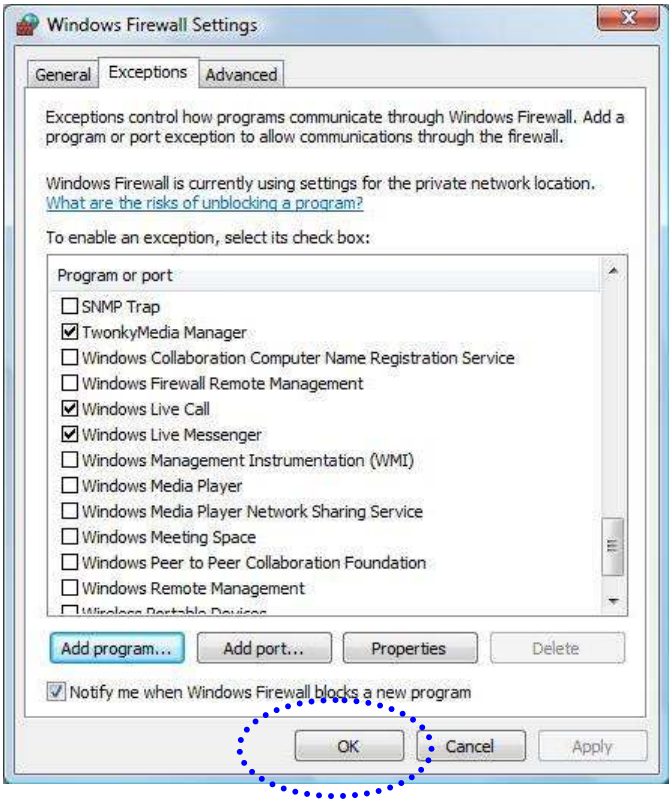
7. Click “Program files”



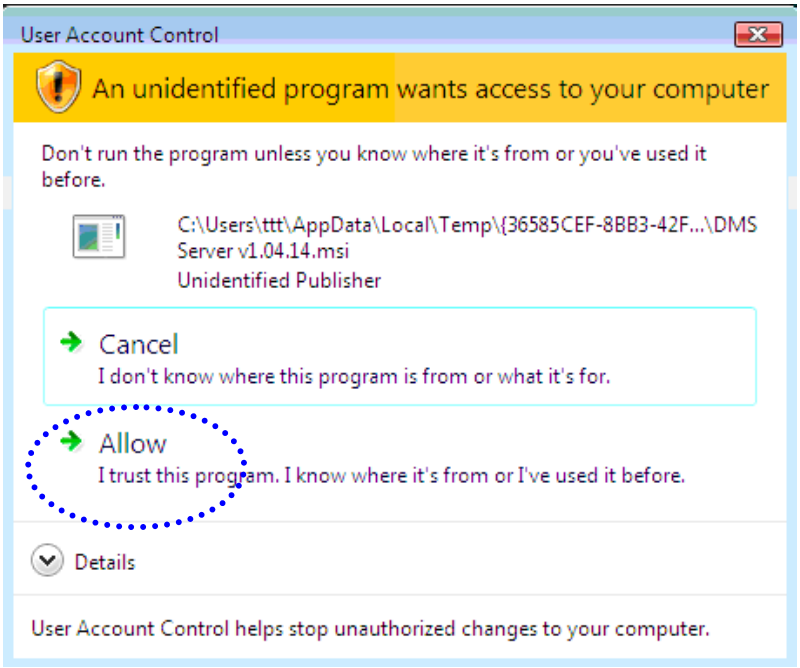
8. Click on the folder that matches the name of your UPnP Server software



9. The UPnP Server is successfully included to the exceptions.
10. Click “OK” to finish.


Windows Firewall Settings
General
Exceptions
Advanced
Exceptions control how programs communicate through Windows Firewall. Add a program or port exception to allow communications through the firewall.
Windows Firewall is currently using settings for the private network location.
What are the risks of unblocking a program?
To enable an exception, select its check box:
Program or port
SNMP Trap
TwonkyMedia Manager
Windows Collaboration Computer Name Registration Service
Windows Firewall Remote Management
Windows Live Call
Windows Live Messenger
Windows Management Instrumentation (WMI)
Windows Media Player
Windows Media Player Network Sharing Service
Windows Meeting Space
Windows Peer to Peer Collaboration Foundation
Windows Remote Management
Add program...
Add port...
Properties
Delete
Notify me when Windows Firewall blocks a new program
OK
Cancel
Apply

11. Click “Allow” to add this program.


User Account Control
An unidentified program wants access to your computer
Don't run the program unless you know where it's from or you've used it before.
C:\Users\ttt\AppData\Local\Temp\{36585CEF-8BB3-42F...\DMS Server v1.04.14.msi
Unidentified Publisher
Cancel
I don't know where this program is from or what it's for.
Allow
I trust this program. I know where it's from or I've used it before.
Details
User Account Control helps stop unauthorized changes to your computer.

NFS (Network File System)

Please refer to page 86 of this manual for detailed information.

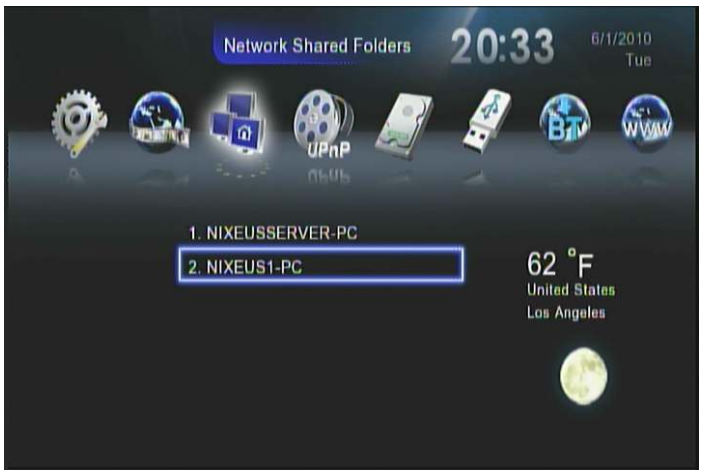
Network Shared Folders (Samba Client)

The Samba Client protocol allows the Fusion HD to access media files from samba shares on windows based PCs on the network

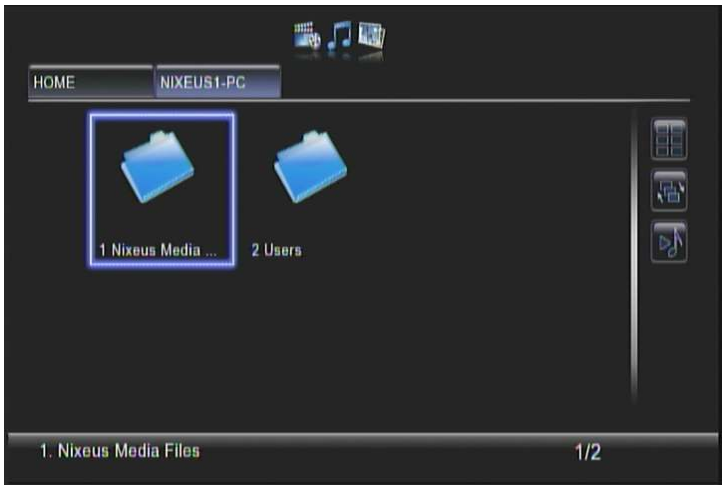
As long as there is a connection to your network and there are no firewalls blocking the shares from remote sites, there are no additional steps needed to enable this feature.

The following steps show how to access media through the Samba Client Protocol.

1. Select “Network Shared Folders” in the main menu and all available sources will be detected and shown automatically.



2. Press the “down” button on the remote control to choose which target machine you wish to navigate to and play back the files on it.



3. Press the “MENU”

button on the remote control to go to the ‘directory’ bar on the top of the screen.
4. Pressing the numerical buttons on the remote control during navigation will sort the file names by the first letter of the key pressed. This will help you find the file you want when there are many files in the folder list.

Note: If you want to use some functions (like iMEDIA or audio settings etc) while you’re navigating directories and files, press the hot keys such as ‘HOME’, ‘SETUP’…on the remote control instead of just pressing the ‘BACK’ button numerous times. Then it will be quicker to go back to where you were in a long directory path by pressing the ‘VIDEO’, ‘MUSIC’ or ‘PICTURE’ hot keys again.

Local Storage Devices

The unit supports external USB flash disks, USB HDDs SATA HDDs (via the eSATA port).

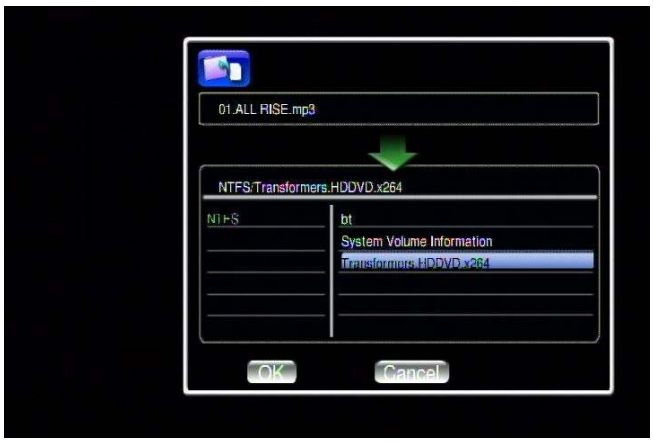
In the main menu select “Removable Device” and navigate to the device to play the files you wish to play.

The number of USB ports can be extended by using an externally powered USB hub, please take into consideration the extra power consumption of the additional devices as the unit itself supplies only a limited amount of power to the USB port.

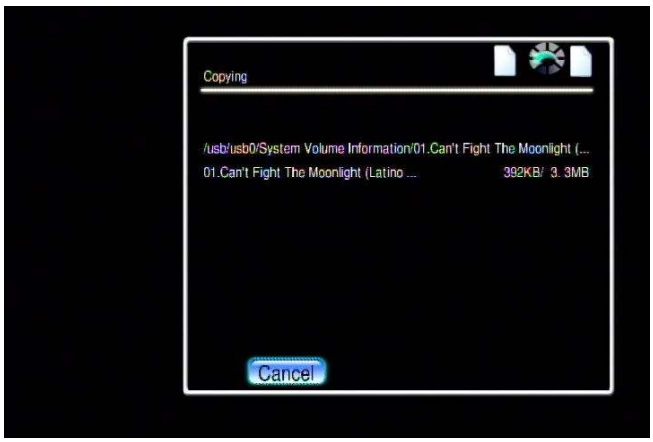
File Management by Remote Control

1. Go to “Removable Device” on the Main Page.

2. Select the name of your storage device from the list and press “COPY”.



5. Select the source and destination then Press “OK” to proceed or “No” to go back.



6. Press the “MENU”

button on the remote control to go to the ‘directory’ bar on the top of the screen.
7. By pressing the numerical buttons on the remote control during navigation will sort the file names by the first letter of the key pressed. This will help you find the file you want when there are many files in the folder list.

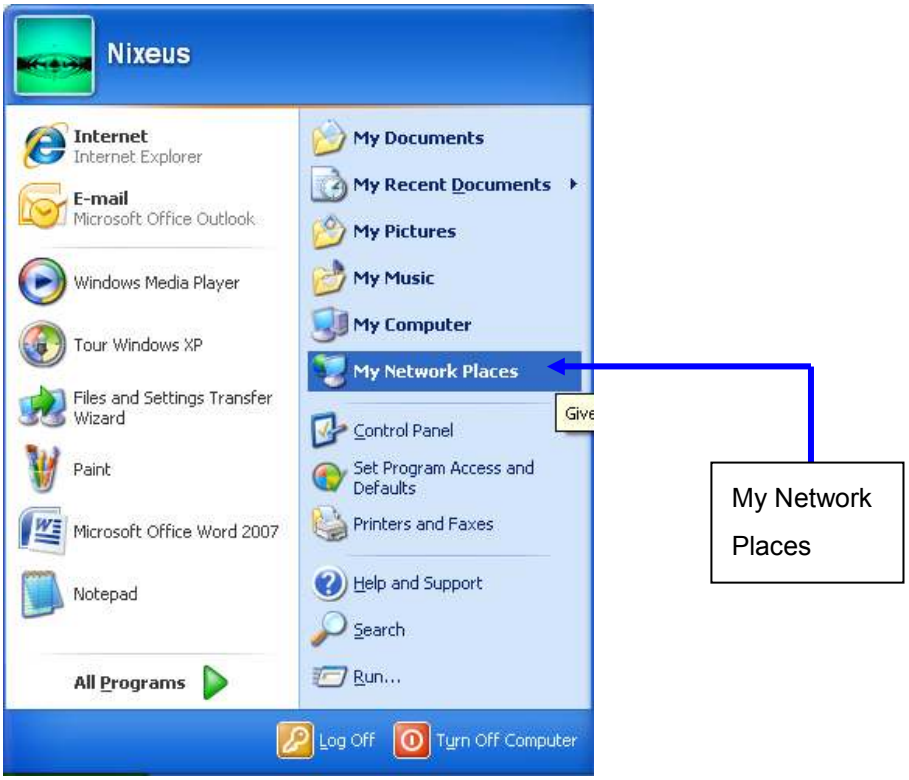
Note: If you want to use some functions (like iMEDIA or audio settings etc) while you’re navigating directories and files, press the hot keys such as ‘HOME’, ‘SETUP’…on the remote control instead of just pressing the ‘BACK’ button numerous times. Then it will be quicker to go back to where you were in a long directory path by pressing the ‘VIDEO’, ‘MUSIC’ or ‘PICTURE’ hot keys again.

Copy/Delete local files from your PC

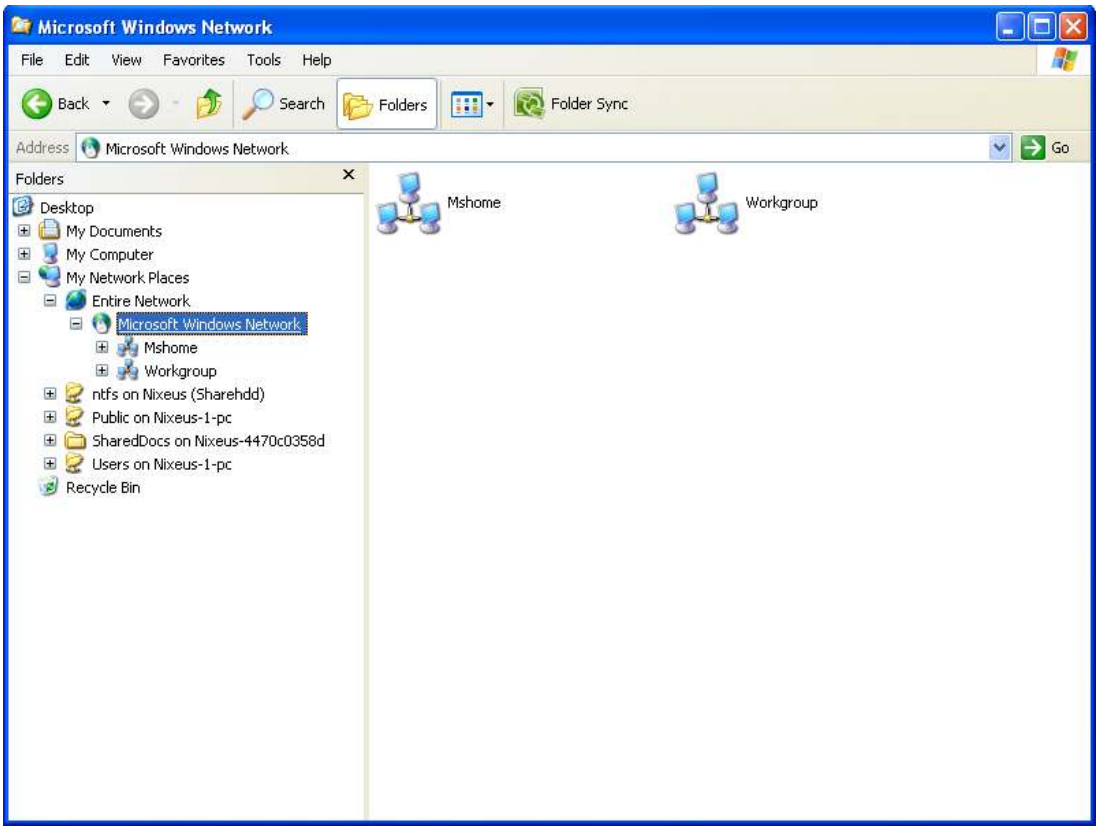
The unit supports Samba server function which shares your local storage space with a client PC over the network. For PC with a Windows OS installed it is known as My Network Places.
To access your unit, type in the IP address of your unit (which you can find by checking in 'Setup') onto the address bar of the file manager on the remote PC and press the enter key to continue. The default user name and password to login are both "admin".
The following example is an alternative way based on the Microsoft Windows XP platform.

Please note that when both eSATA HDD and USB disks exist, the eSATA device will be the sole storage device in this instance

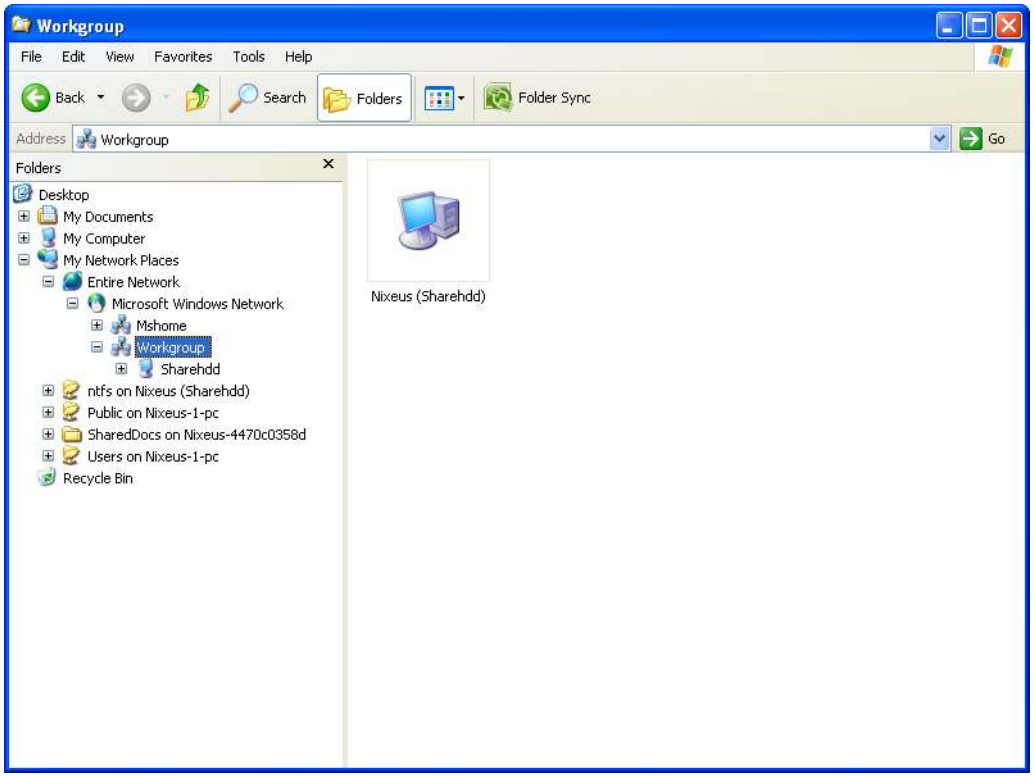
1. Click the "My Network Places" icon on your PC.



2. Click “Entire Network” → “Workgroup”

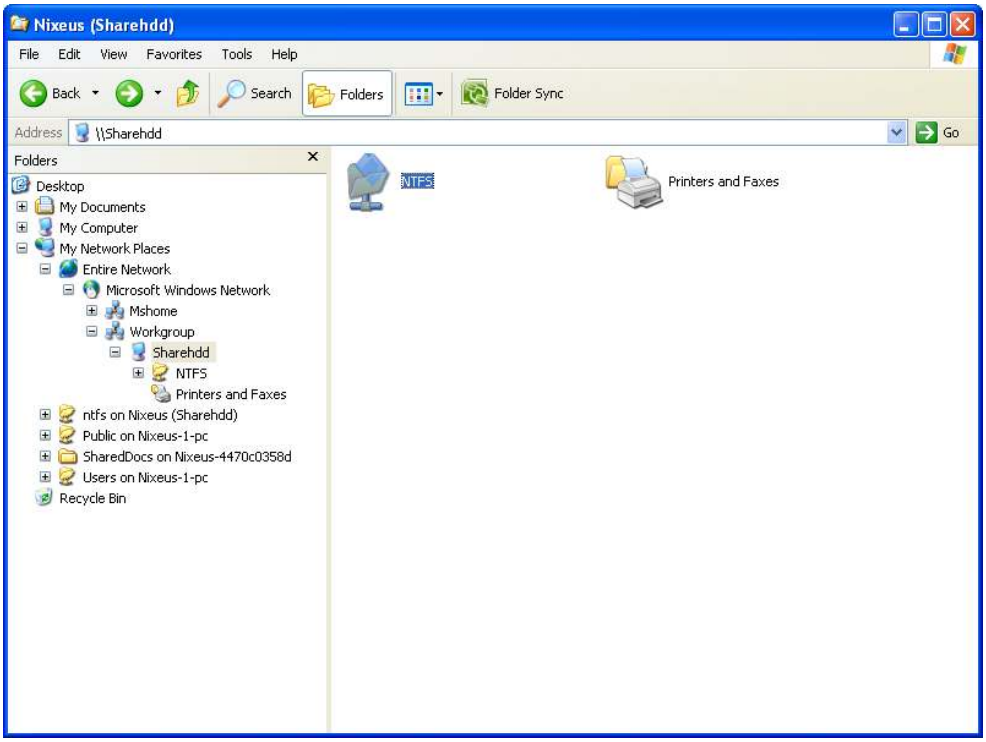


3. The units default local network location is “Workgroup”. Double click “Workgroup” and you should see the unit listed as an icon.



4. Double click the icon and a login menu will pop up. Input the default user name and password “admin” and click “OK” to continue.

5. You can use a mouse to copy, move and delete your media files between your PC the units local HDD.



Playing Music, Photo and Video files

Music

Supported Music Formats

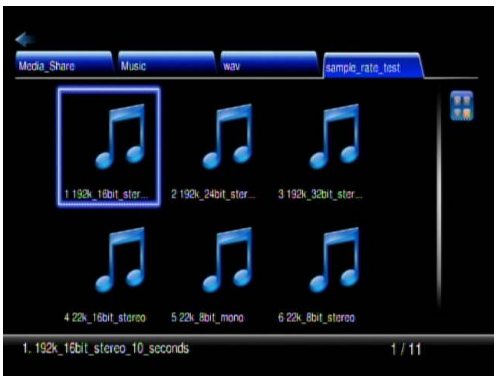
The following music formats are supported;

Format	File Extension
AAC+	AAC, MP4, M4A
AAC-LC	AAC, MP4, M4A
AC3 / Dolby Digital 5.1 Downmixing	AC3
AC3 Pass through	AC3
DTS Pass through	DTS
LPCM	WAV, PCM
MP3	MP3 (ID3 tag supported)
OGG Vorbis	OGG
WMA	WMA, ASF
WMA Voice	WMA, ASF
WMA Pro	WMA, ASF
FLAC	FLAC

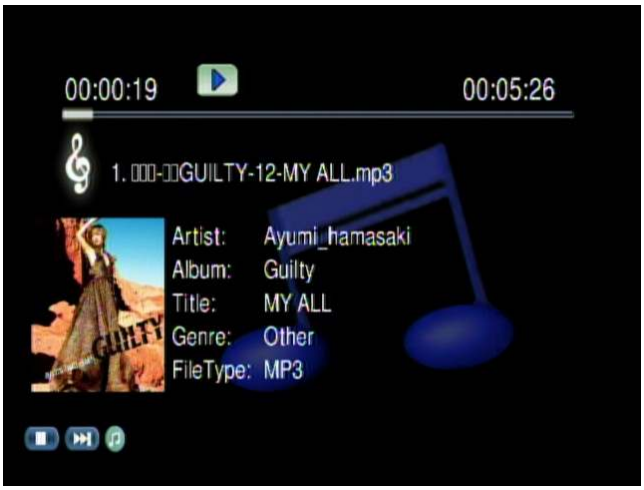
Note: WMA Lossless is not supported.

Music Playing

1. Navigate to the media source from you desired location using UPnP or Samba shares, USB or eSATA devices and select the file you want to play.



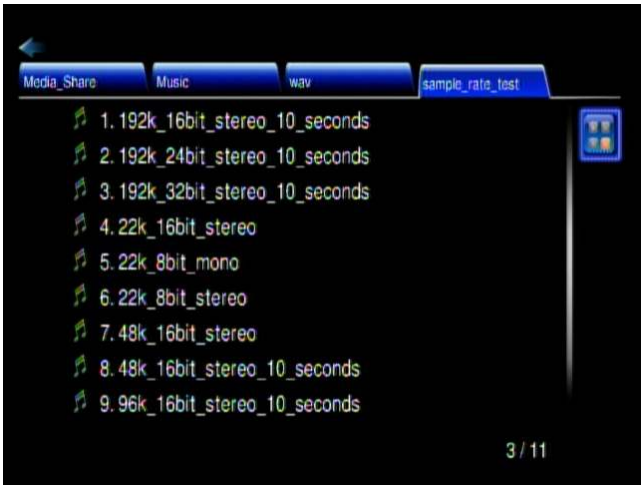
2. All available files will be listed. Just press the “OK” button on the remote control.



3. If you use an UPnP server, the music files will be organized by “Album”, “Artist”, or “Genre” automatically due to the UPnP protocol.
4. You can select “All Music” to see all the music files.
5. You can also select “My Folder” to view the music files that are organized in several subfolders as it would be on your PC.
6. The ID3 Tag showing “Artist”, “Album”, “Title”, and “Genre” will be displayed on your screen.
7. If the Album contains a photo, it will also be displayed on the screen.
8. The layout of the files can be changed by pressing the icon on the right side.

9. Press the “MENU”

button to go to the ‘directory’ bar on the top of the screen. By pressing the numerical buttons on the remote control during navigation will sort the file names by the first letter of the key pressed. This will help you find the file you want when there are many files in the folder list.

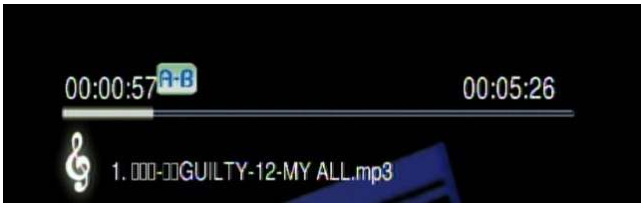


Note: If you want to use some functions (like iMEDIA or audio settings etc) while you’re navigating directories and files, press the hot keys such as ‘HOME’, ‘SETUP’…on the remote control instead of just pressing the ‘BACK’ button numerous times. Then it will be quicker to go back to where you were in a long directory path by pressing the ‘VIDEO’, ‘MUSIC’ or ‘PICTURE’ hot keys again.

Controlling Music Playback

When playing music, the function buttons on the remote control includes: PAUSE, PLAY, STOP, Volume, Mute, Previous, Next, Fast Forward, Rewind, Repeat A-B and NUMBER buttons.

1. The icon will show like the screen below when you press the function button.



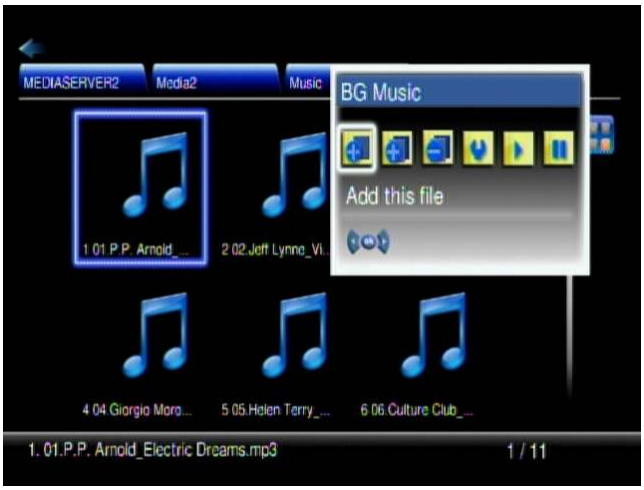
Viewing Photos While Background Music is Being Played

The Fusion HD is capable of displaying photos and playing background music simultaneously.

Follow the steps below to add music to the “BGM” (Background Music) list.

1. Enter music files list, choose one file and press the “BGM” hotkey

on the remote control to invoke BGM tool bar.



2. Use the “Right” and “Left” buttons to navigate to the option tabs on the “BGM” toolbar, then press the “OK” button on the “ ” icon to add the current music files to the “BGM” list.

3. You can also select the “ ” icon to add all the music files in the current folder.

4. The music files that have been added to “BGM” list will display the “ ” icon.
5. To play the BGM files, select the “ ”button on the “BGM” toolbar
6. To stop playing your BGM, select the “ ” button.
7. To remove music files from the BGM list, select the “ ” icon on the file you want to remove, or select the “ ” icon to remove all the files from the BGM list.
8. To view the “BGM” list, select the “ ” icon to view all the music files in the list.

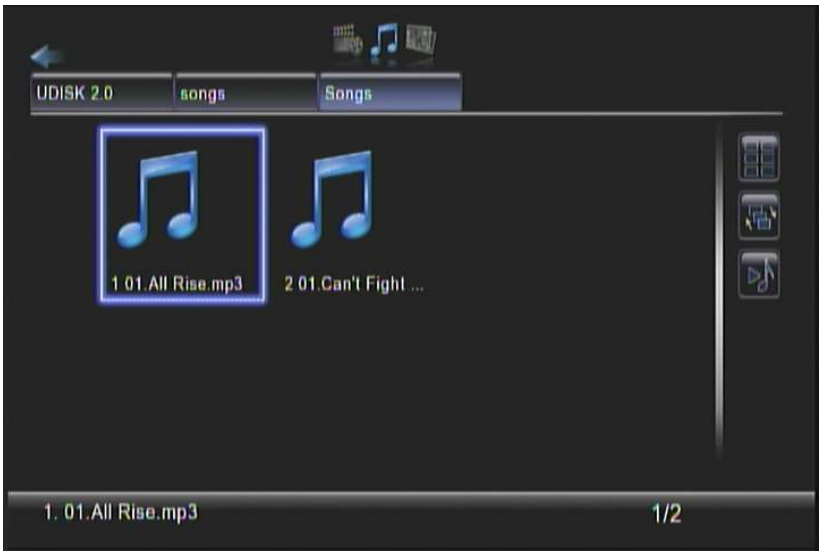
Supported Playlists

The Fusion HD is capable of supporting .m3u and .pls playlist files.

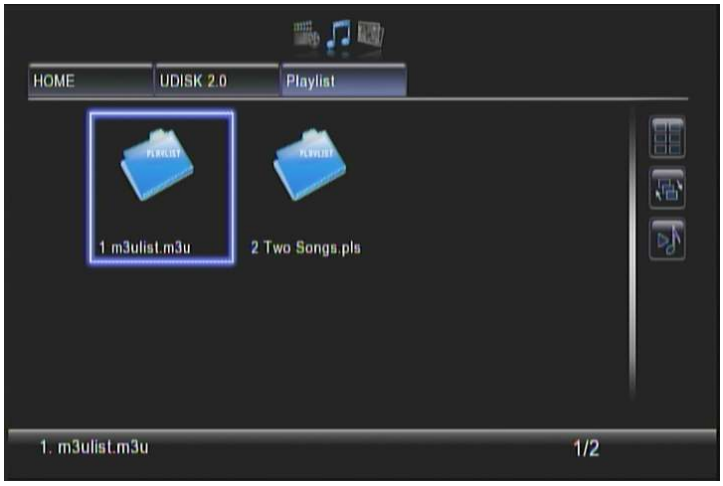
Please see the following examples below;

1. Prepare the songs and playlist below

2. In the current example, the songs are in a folder called “songs”



3. The playlists are in a folder called “Playlist”



4. The content of a .m3u file is shown in the following example:

#EXTM3U
#EXTINF:0,All RISE
../songs/01.ALL RISE.mp3
#EXTINF:0,Can't Fight The Moonlight
../songs/01.Can't Fight The Moonlight (Latino Mix).mp3

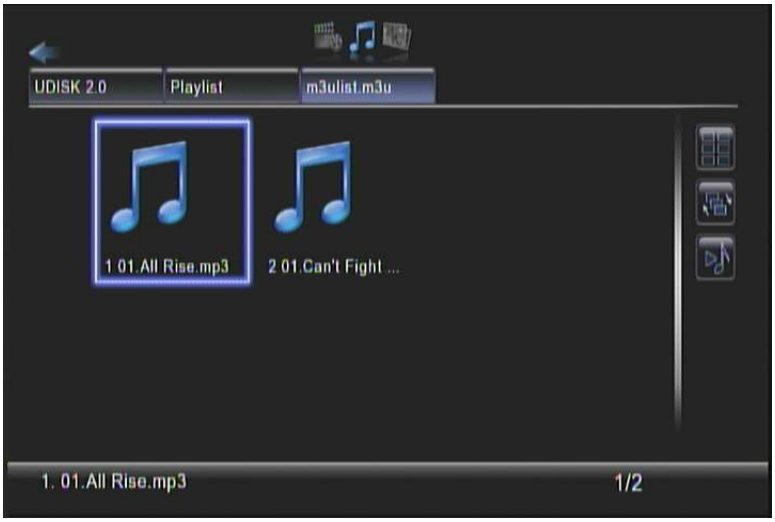
Note: You must use the mp3 folder path in the playlist file to show the file’s location; eg. **../songs/**xxxx

5. The content of a .pls file is shown in the following example:

[playlist]
File1=../songs/01.ALL RISE.mp3
Title1=All RISE
Length1=50
File2=../songs/01.Can't Fight The Moonlight (Latino Mix).mp3
Title2=Can't Fight The Moonlight
Length2=50
NumberOfEntries=2
Version=2

Note: You must use the mp3 folder path in the playlist file to show the file’s location; eg. **../songs/**xxxx

6. Select the playlist file and press the OK button.
7. All the songs in the playlist will then be shown like the example below



8. Select the song you want to play as shown like the example below:

Photos

Supported Photo Formats

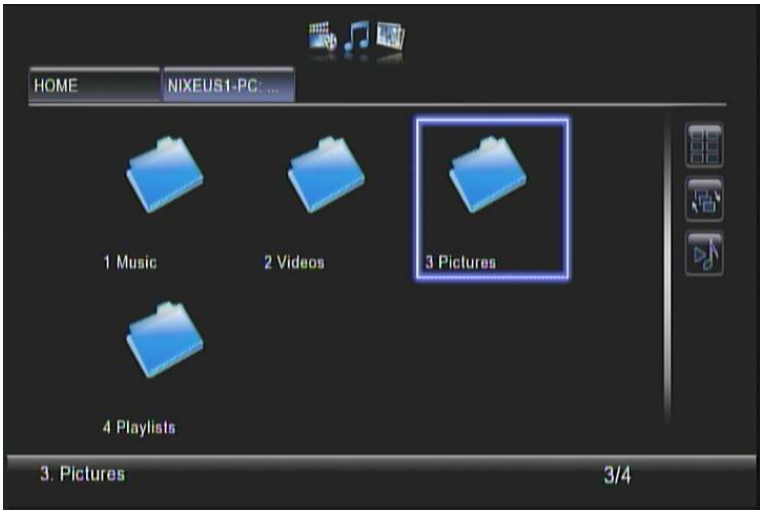
The following photo formats are supported;

Format	File Extension
BMP	BMP
EXIF SUPPORT	JPEG, JPEG, JPE, TIFF, TIF
GIF	GIF
JPEG	JPEG, JPG
JPEG2000	JPG, JPEG, JPE
PNG	PNG
TIFF	TIFF, TIFF
Windows Media Photo	WDP, HDP

Photo Playback

1. Navigate to the media source from your desired location using UPnP or Samba shares, USB or eSATA devices and select the file you want to play.
2. All available files will be listed. Select the media server/source you wish to use and press the “OK” button on the remote control.

3. If the file source is from an UPnP media server, you will need to choose the right category and select “All Images” to see all the shared image files.
4. Use the “Up” and “Down” buttons on the remote control to navigate to those folders, and select the options by pressing the “OK” or “Right” buttons on the remote control to access.



5. Select the folder that contains the image files or the subfolders you want to view and press the “OK”, or “Left” buttons on the remote control to play it.

Playing a Photo Slideshow

1. To start playing a photo slideshow (all photos in one folder), you need to press the

“PLAY” button “twice” on the remote control to enable this function.
2. Navigate to the first photo of each folder and press the ‘Play” button to view this photo.
3. Press the “Play” button again if you want to enable the Photo Slide Show feature.
4. The icon will be displayed when the Photo Slide Show feature is enabled.
5. Press the “Stop” button to end the function. The icon will then be displayed when the Photo Slide Show feature has been stopped.

Photo Playback Control

Play, Pause and Stop

1. Press the “PLAY” button on the image files list to enable slideshow playing.
2. Press the “STOP” button to stop it.

Skip to the Next or Previous File:

3. Press the “Next” or “Down” buttons to skip to the next video file.
4. Press the “PREV” or “UP” buttons to skip to the previous music file.

Viewing Photo Information

1. Press the “Info” button to get the image information.

Zoom in/out

1. Press the “ZOOM” button while viewing the photo that you want to manipulate
2. Press the “Zoom” button and then press the “Left” button to enlarge the image.

3. When the image being displayed is larger than the TV screen, press the “Zoom” button again and press the “directions” buttons to move the image.

Rotate

1. Keep pressing the ‘Zoom’ button while viewing the photo to enable the rotate function.

Video

Supported Video Formats

The following movie formats are supported;

Format	File Extensions
DivX 3	AVI, DivX
DivX 4	AVI, DivX
DivX 5 HD	AVI, DivX
DiVX 5 SD	AVI, DivX
DivX 6 HD	AVI, DivX
DivX 6 SD	AVI, DivX
H. 264 AVC MPEG4 part 10 (HD)	MPG, MP4, MOV, AVI
H. 264 AVC MPEG4 part 10 (SD)	MPG, MP4, MOV, AVI
Matroska	MKV
MJPEG	AVI
MPEG-1	MPG, MPEG, DAT
MPEG-2 HD	MPG, MPEG
MPEG-2 SD	MPG, MPEG
MPEG-2 VOB	MPG, MPEG, VOB
MPEG-4 part 2 ASP	MP4, AVI, M4V
VC-1 HD 1080i	WMV
VC-1 HD 720p	WMV
WMV 9	WMV, ASF
WMV HD 1080i	WMV, ASF
WMV HD 720p	WMV, ASF
WMVPro	WMV, ASF
XviD	AVI, MP4
HD 1080i/p	AVI, MP4, MOV
DVD	ISO, IFO

Video Playback

1. Navigate to the media source from you desired location using UPnP or Samba shares, USB or eSATA devices and select the file you want to play.
2. All available files will be listed. Select the media server/source you wish to use and press the “OK” button on the remote control to access them.

3. If the file source is from an UPnP media server, you will need to choose the video category or select “All Videos” to see all the shared video files.
4. Please use the “Up” and “Down” buttons on the remote control to navigate to those folders, and select the options by pressing the “OK” or “Right” button on the remote control.

Video Playback Control

Volume Control

1. Press the “Volume+” or “Volume-” buttons on the remote control to adjust the volume

Mute

1. Press the “Mute” button to mute or un-mute the video.

Pause and Play

1. Press the “PLAY” button while the video is playing to pause the video.
2. Press the “PLAY” button again to resume the video playback

Skip to the Next or Previous File

1. Press the “Next” or “Down” buttons to skip to the next video file.
2. Press the “PREV” or “UP” buttons to skip to the previous music file.

Fast Forward

1. Press the “>>(FF)” button to fast forward the video file. Pressing the button several times will increase the speed.

Rewind

1. Press the “<<(REW)” button to rewind the video file. Pressing the button several times will increase the rewinding speed.

Slow Forward

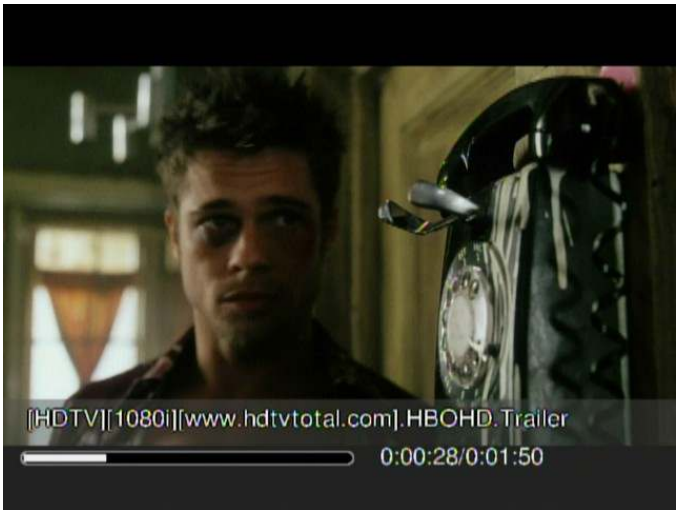
1. Press the “Slow” button to slow forward the video file. Pressing the button several times will increase the speed.

Slow Rewind

1. Press the “Slow” button and press the “Left” button to slow rewind the video file. Press “Left” button several times to increase the speed.

Viewing Video Information

1. Press the “Info” button to display the video information.



2. Press the button again to see any additional info.

Video Viewing Effects

Zoom in/out

1. While the video is playing, press the “ZOOM” button to enable the zoom in/out function.
2. Press the “Zoom” button and press the “Left” button to enlarge the video.

3. When the video being displayed is larger than TV screen, press the “Zoom” button again and press the “directions” buttons to move the video.

Repeat and Repeat All

You can turn on the repeat function to continuously play individual videos or videos within a folder.

Repeat Once

1. Press the “Repeat” button once to repeat playing the current video file.

Repeat All

1. Press the “Repeat” button twice to repeat all the video files in the current folder.

Repeat Off:

1. Press the “Repeat” button three times to disable the repeat mode.

Subtitles and Languages

If you are playing files with several subtitles and audio tracks, the “SUBTITLE” and “LANGUAGE” buttons are available for subtitle and audio track switching.

Note: To use your subtitle files, make sure that the file is in the same folder as your video file and that they are both named the same.

Video Resuming

The Fusion HD supports video resuming to the previous playback point where the video was last played.

Note: The device needs to be kept powered on to enable this function.

The default setting is that you will “Always” be asked if you wish to resume.

If you want to change the setting, please follow the steps below:

1. Go to “Setup Main Menu “ →“Media Setup” → “Video Playing Option”

Automatic Next Video Playback

The default setting is the all the video files in one folder will be played continuously until the last file.

If you want to play only the selected file and then return to the main menu,

1. Go to “Setup Main Menu “ →“Media Setup” → “Video Playing Option” to disable the function.

Video Seek

The Fusion HD provides two options for video seeking. One is to seek by the percentage of the total file length and the other is to seek by time.

Seek by Percentage

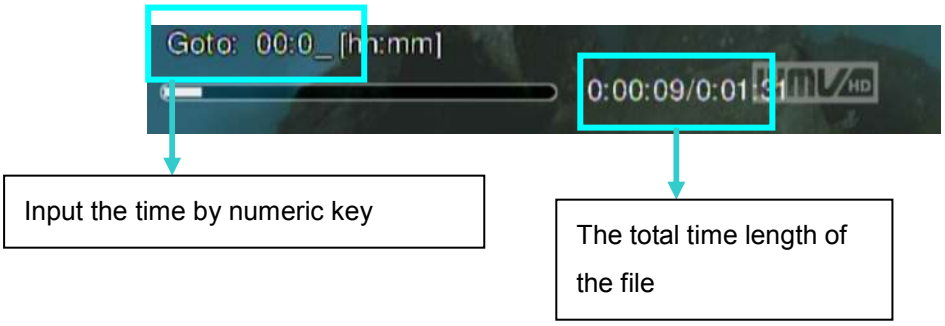
- While the video is playing, you can press the numeric keys on the remote control to jump to your destination.
- For example, when you press “7” + “0”, you will jump to 70% of the total file length.

Numeric keys on the remote control

Start playing from 70% of the file length

Seek by Time

- Press “0(GOTO)” on the numeric keys on the remote control to enter into the time seek mode.
- You can the input the time frame that you want to use to search.



DVD Menu Navigation

The Fusion HD supports viewing DVD files as if you are playing a DVD.

Follow the steps below to enable the DVD menu navigation feature.

1. When you select a DVD file, choose the item with and press “Play”

2. The Menu will appear.

3. Use the navigation buttons on the remote control to select the item you want to use.

Web Browser

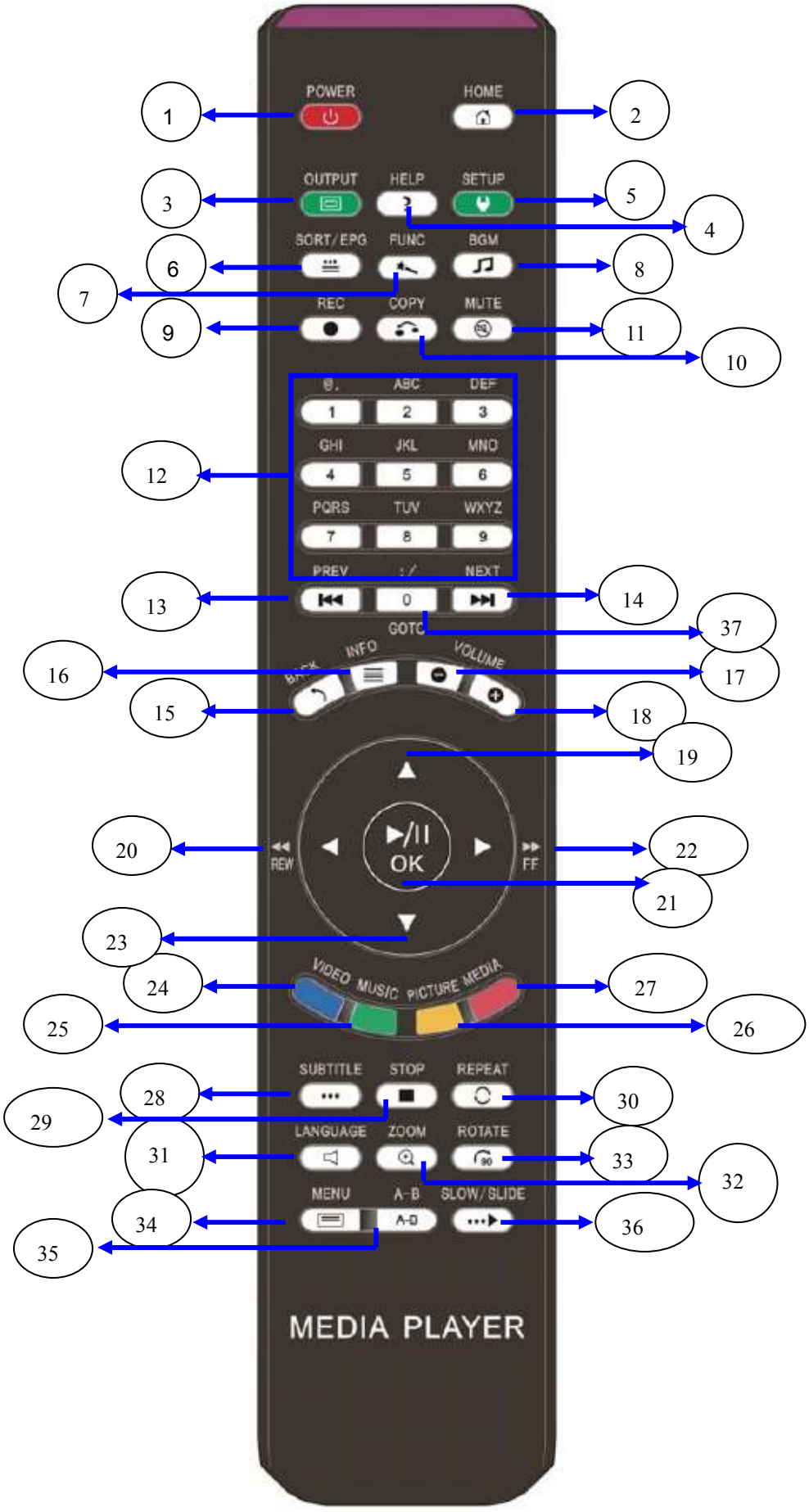
Starting the Web Browser

1. Press the Home' button on the remote control to return to the main menu as shown below. Select the icon which shows ‘Web Browser’ and press ‘ok’.

2. The homepage of the web browser will be displayed, then you can surf the web using the remote control or keyboard and mouse.

Using the Remote Control for navigation

A USB keyboard and mouse can be plugged in to facilitate the web surfing. While using the remote control, the key definition is as follows:


POWER
HOME
OUTPUT
HELP
SETUP
SORT/EPG
FUNC
BGM
REC
COPY
MUTE
@.
ABC
DEF
GHI
JKL
MNO
PQRS
TUV
WXYZ
PREV
NEXT
GOTO
INFO
VOLUME
REW
FF
OK
VIDEO
MUSIC
PICTURE
MEDIA
SUBTITLE
STOP
REPEAT
LANGUAGE
ZOOM
ROTATE
MENU
A-B
SLOW/SLIDE
MEDIA PLAYER
1
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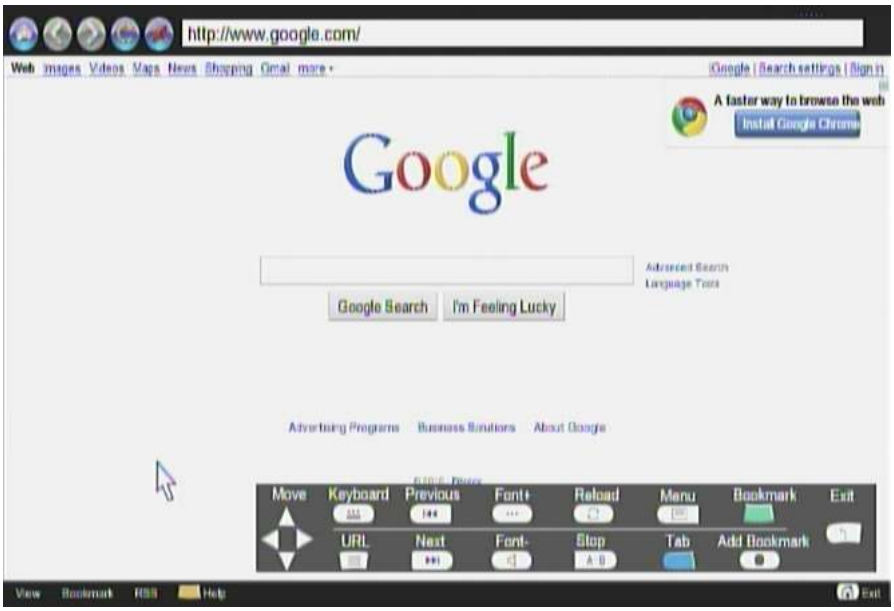
36
35

WEB BROWSER REMOTE CONTROL KEY TABLE

No.	KEYPAD	FUNCTION DESCRIPTION
2	**HOME**	Back to Home Page
6	**SORT**	Invoke on-screen keyboard or cancel input.
8	**BGM**	Caps Lock when on-screen keyboard invoked.
9	**RECORD**	Save current page to bookmark, press again to add.
11	*** MUTE**	Mute current Video/Music
12	**NUMBERS**	Caps Lock Mode: 1: 1@._# 2: 2ABC 3: 3DEF 4: 4GHI 5: 5JKL 6: 6MNO 7: 7PQRS 8: 8TUV 9: 9WXYZ 0: 0:/
		Small: 1: 1@.?& 2: 2abc 3: 3def 4: 4ghi 5: 5jkl 6: 6mno 7: 7pqrs 8: 8tuv 9: 9wxyz 0: 0:/
13	**PREV**	Previous history page
14	**NEXT**	Next history page
15	**BACK**	1. Escape from the browser and return to the main menu 2. In text field, it's Back Space 3. Under bookmark window, it's for cancel.
17,18	*** VOLUME+/-**	Increase/Decrease the volume of current Video/Music
19,20, 22,23	**DIRECTIONS**	To move the cursor
21	**OK/Play Pause**	Left-click or Enter
24	**VIDEO**	Left-click of the mouse
25	**MUSIC**	Press to enter keyboard mode and press again to be back to mouse mode
27	**iMedia**	Right-click the mouse
28	**SUB**	1. Increase font size 2. Enter bookmark entry
29	*** STOP**	Stop playing current Video/Music
30	**REPEAT**	Reload current page
31	**LANG**	1. Decrease font size 2. Delete bookmark entry
32	*** ZOOM**	Toggle current video on web to full screen/normal
34	**MENU**	Invoke Bookmark List or cancel
35	**A-B**	Stop loading web page

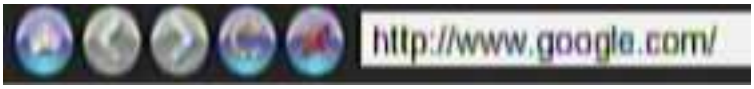
- Once the web browser has loaded, the homepage of the web browser will be displayed and then you can surf the web using the remote control or keyboard and mouse.

A USB keyboard and mouse can be plugged to use when web surfing.
Make sure you plug it before you enter the Web Browser.



- If you like to use the remote control unit for web browsing, press the

button to have the URL bar appear like below.



- A virtual keyboard is also available there by pressing the

button to ease 'keying in'.
- Press the yellow button for help and you will get instructions for all the function hot keys shown below.

Browser Toolbar

Browsing A Web Page

1. Press the

button and enter the web address you would like to go to.
2. Page Viewing

3. Web pages being loaded can be stopped or reloaded by choosing the icon from ‘View’.
4. Text size can also be changed and the whole page can be zoomed in or out for more convenient viewing.

Bookmark Function

1. Bookmarks can be added, loaded and deleted by using ‘Bookmark’.

Exit

1. To exit from the web browser, select ‘Exit’ or press the ‘Back’ button on the remote control.

Internet Media

Playing Internet Video Using Fusion Channel™

Fusion Channel™ is an Internet video service that provides free TV channels. The video is streamed directly over the Internet.

Follow the steps below to access the video channels:

1. Make sure your network settings are correct and you are able to access the Internet.
2. Select “iMedia” from the main menu or press the “iMedia” button on the remote control.

3. Select “Fusion Channel™” and press the “OK” button on the remote control and select a category.

Play Internet Radio Using Live 365™

Live365™ is an Internet radio service that provides unlimited on-demand access to thousands of radio stations.

The audio is streamed directly over the Internet.

Follow the steps below to access the radio stations:

1. Make sure your network settings are correct and you are able to access the internet.
2. Select “iMedia” from the main menu or press the “iMedia” button on the remote control.
3. Select “Live 365” and press the “OK” button on the remote control.
4. Select a catalog you prefer from the list, or select “All Broadcasts” to browse all the radio stations.

5. Select a radio station from the list, and press the “OK”, “Play”, or “Left” button on the remote control to play it.

Note: stands for a radio station.

Note: Press the “BGM” hotkey on the remote control to add the station into the background music list.

My iMedia - My Video

1. Make sure your network settings are correct and you are able to access the internet.
2. Select “iMedia” from the main menu or press the “iMedia” button on the remote control.
3. Select “My iMedia” and press the “OK” button on the remote control.
4. Select “My Video” and press “OK” to enter.

5. There are some video stations listed as default, you can select one of the stations from the list and play it.
6. You can also add your favorite radio stations manually by selecting “Add New Entry”.

Note: stands for a video station.

7. Select “Add New Station” or “Add New Folder” to configure a new radio station or folder, then enter the related information of this new radio station or folder.

Adjusting the Screen Size

1. Press the

key on the remote control and the zoom in/out icon will show up.

2. Press the “right” or “left” navigation buttons to enlarge or reduce the screen size

Screen enlarged

Screen reduced

Add/Delete Internet Radio/TV Station Lists

You can manage the iMedia list using the Fusion HD on-screen menu.

Through The Fusion HD On-screen Menu

1. Go into “My Video”. Press the MENU key

on the remote control, the Menu list will pop up.
2. You can now add, modify, delete or backup your iMedia list.

NFS (Network File System)

- The Fusion HD supports the NFS protocol to access media files on a NAS (Network Attached Storage) machine or any other machine over the network.

- First, have the IP address and the subfolder name of your target source ready (for example, your NAS' IP address and subfolder of the NAS)

- There are two options below detailing how to access your target source by the NFS protocol.

Through The Fusion HD On-screen Menu

1. Select and enter "iMedia" from the Main Page.

2. Select “My Favourites” and enter “Add New Station”.

3. Key in the nickname (for example “nfs”) and the URL of your target source.

Note The url link must be entered in as shown in the following example:

nfs://ipaddress/export_directory (eg. nfs://192.168.2.112/mnt/hd_a2)

4. In the example, the IP address is 192.168.2.112 on the target machine you want to access and mnt/hd_a2 is the subfolder name of your target source.

5. After the URL is saved, go back to the main menu page of “My iMedia”.
6. You will now find the entry you just made on the “My iMedia” list.

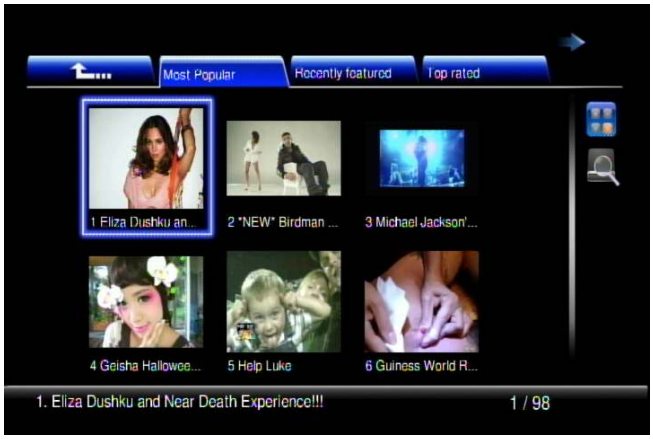
7. Go into and access the share you just made, and select the files you want to play. You don't need to put in any username or password.

Viewing Youtube Content

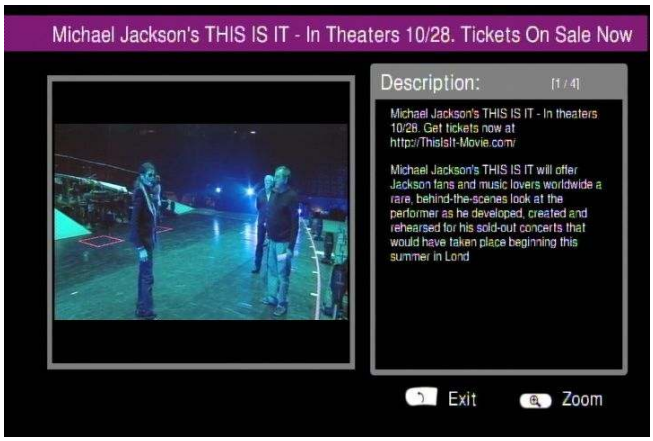
You can use the Fusion HD to view Youtube content without the need for a PC.

To view YouTube content, follow the steps below:

1. Select “iMedia” from the main menu or choose “YouTube”.



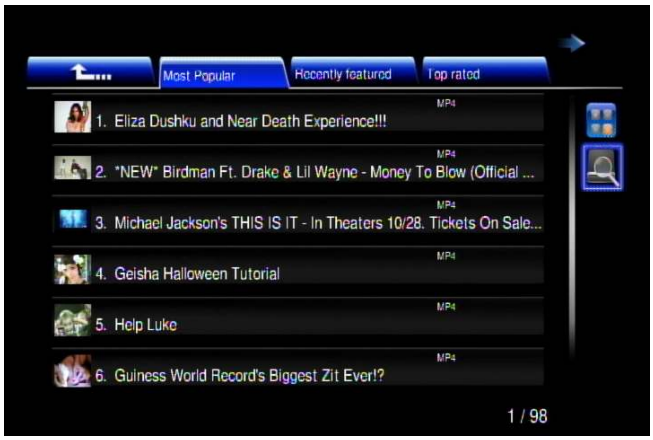
2. Choose a video to play.


Michael Jackson's THIS IS IT - In Theaters 10/28. Tickets On Sale Now
Description:
[1 / 4]
Michael Jackson's THIS IS IT - In theaters 10/28. Get tickets now at http://ThisIsIt-Movie.com/
Michael Jackson's THIS IS IT will offer Jackson fans and music lovers worldwide a rare, behind-the-scenes look at the performer as he developed, created and rehearsed for his sold-out concerts that would have taken place beginning this summer in Lond
Exit
Zoom

Note: Because the content is being directly streamed from the Internet, The content will take a short time to buffer before playback. The waiting time will depend on your local network bandwidth and also on the current internet conditions and the speed of the YouTube server being used.

Video Searching

1. Select the search icon on the right side and a virtual keyboard will appear so you can enter in a search keyword of your choice.



ShoutCast

You can use the Fusion HD to listen to ShoutCast stations without the need for a PC.

To listen to ShoutCast stations, follow the steps below:

1. Select “iMedia” from the main menu or choose “ShoutCast”.

2. Navigate to a station and choose one to play.

Note: Because the content is being directly streamed from the Internet, The content will take a short time to buffer before playback. The waiting time will depend on your local network bandwidth and also on the current internet conditions and the speed of the ShoutCast server being used.

Flickr

You can use the Fusion HD to view pictures on the Flickr website without the need for a PC

To view pictures on the Flickr website, follow the steps below:

1. Select “iMedia” from the main menu or choose “Flickr”.

flickr
Interestingness
Interestingness
Recent Photos
HotTags
User Name
jj
Search
Description: I have received several Flickr mails asking me to post this shot which is in the slide show separately. I hope it lives up to their expectations!
Thanks for all your kind comments over the last week on my stream. I hope you have enjoyed them.
1. Barn Owl
1 / 500

2. Navigate to choose a picture you wish to view. Press play to view in full-screen mode and press play again to watch in a slideshow.

BitTorrent Client

A BitTorrent client is supported by the Fusion HD when either an external eSATA HDD or USB storage device is connected before the unit is powered on.

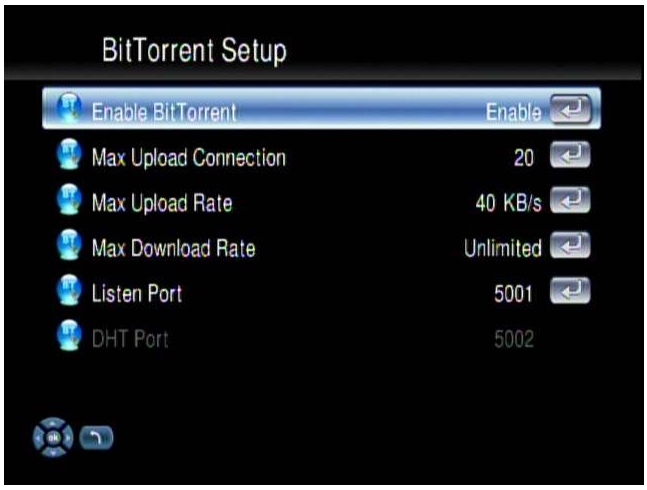
To enable and use this function, please note that:

- This function is only enabled when an external storage device is attached before power-on.
- If you attach the HDD after power on, this function won't be enabled.
- The eSATA HDD is the default storage space for you downloaded files.
- A USB disk drive will be the alternative when the eSATA HDD is absent.
- Storage devices with FAT16 and FAT32 file system are not supported because the limitation of file size. Please use a HDD with either NTFS or EXT3 file systems.
- Before removing the eSATA HDD, please make sure the BitTorrent client is disabled or system is powered off properly.
- If you remove the external HDD when the BiTorrent client is enabled or powered off incorrectly, all your BiTorrent downloads will be cleared next time you use it.

Enabling the BitTorrent Client

After the HDD is installed, follow the steps below to start the download.

1. Go to “Setup Main Menu” and choose “BitTorrent Setup”



2. Select “Enable BitTorrent”.
3. The option, Max Upload Connection, is used to prevent the outgoing network traffic from being too heavy and to keep the unit’s CPU operating at high efficiency.
4. The options, Max Upload Rate and Max Download Rate, is for users to utilize their available bandwidth according to their individual needs.
5. The option, Listen Port and DHT Port, is for users to configure their unit so they can achieve maximum network efficiency tailored to their individual network setup.

Add A New Torrent And Start Downloading

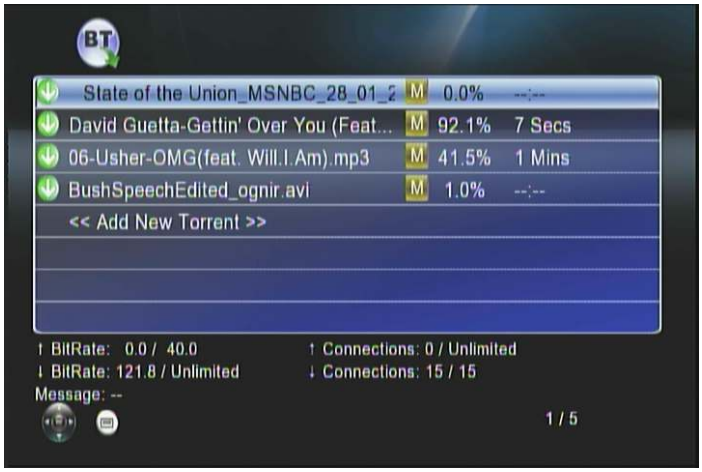
1. Go to the main page and select BT.

2. Have your .torrent file ready on a USB storage device, SATA HDD or on your Local Network.
3. Select “Add New Torrent” and press “OK”

4. Enter in the location where you want the .torrent file to be stored.

5. Select the torrent file and press “OK”.

5. Once this is done, your new downloads will appear on the BT menu page.



Note: Make sure that the Fusion HD is connected to the Internet to keep your Bit Torrents active.

The downloaded files will be stored in a directory named “bt”.

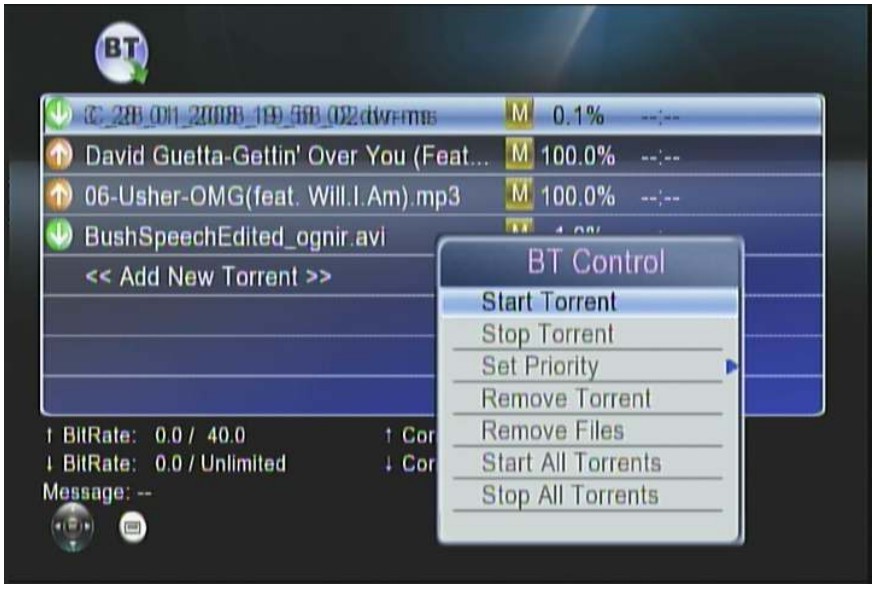
BitTorrent Management

The BitTorrent Control Menu offers you the ability to start, stop, set priority and remove the files. You can press “MENU”

key on the remote control to enter the control menu.

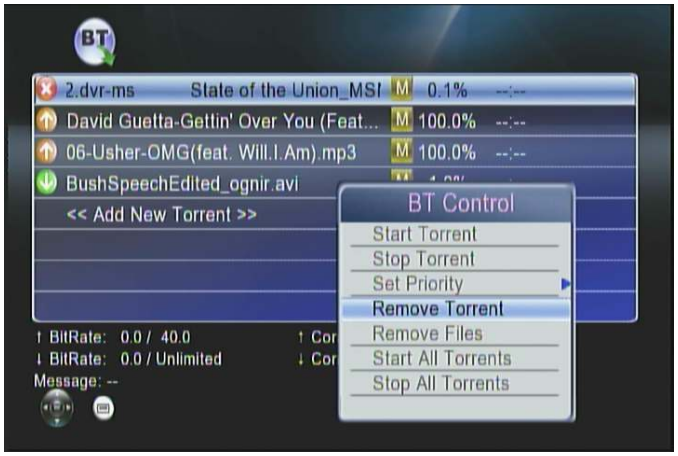
1. Use the Navigation keys on your remote control to select the torrent files you want to manage.
2. Press the “MENU” key in the remote control and the “BT Control” Menu will appear.

3. Use the Navigation keys on the remote to select the function you want to perform.



Removing Torrent files

On the “BT Control” Menu, you can highlight the torrent files and select “Remove Torrent” to remove the torrent files which are downloading.

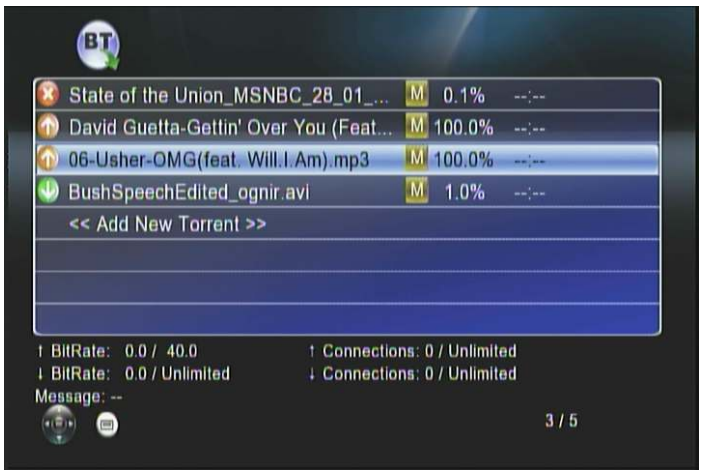


Remove Completed Files

If the files have completed downloading, there may be some other data along with the main torrent files.

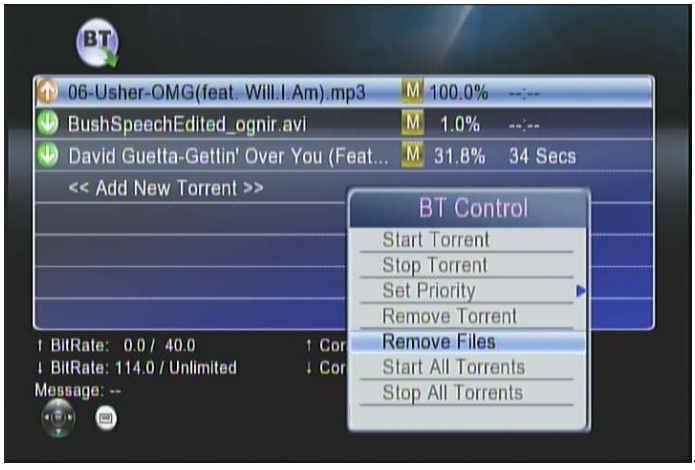
You can highlight these files and press “OK” to view their contents.

1. Highlight the completed files


State of the Union_MSNBC_28_01_... M 0.1% --:--
David Guetta-Gettin' Over You (Feat... M 100.0% --:--
06-Usher-OMG(feat. Will.I.Am).mp3 M 100.0% --:--
BushSpeechEdited_ognir.avi M 1.0% --:--
<< Add New Torrent >>
↑ BitRate: 0.0 / 40.0
↓ BitRate: 0.0 / Unlimited
↑ Connections: 0 / Unlimited
↓ Connections: 0 / Unlimited
Message: --
3 / 5

2. Press “OK” to view their contents.

3. If you want to remove any files, you can highlight them and select “Remove BT” and remove all the data which is stored on the local HDD.



Display File Info

1. You can press the “Info” key on the remote control to view the file info.

Firmware Upgrade and Reset to Default

Firmware Upgrade via Direct Internet Access

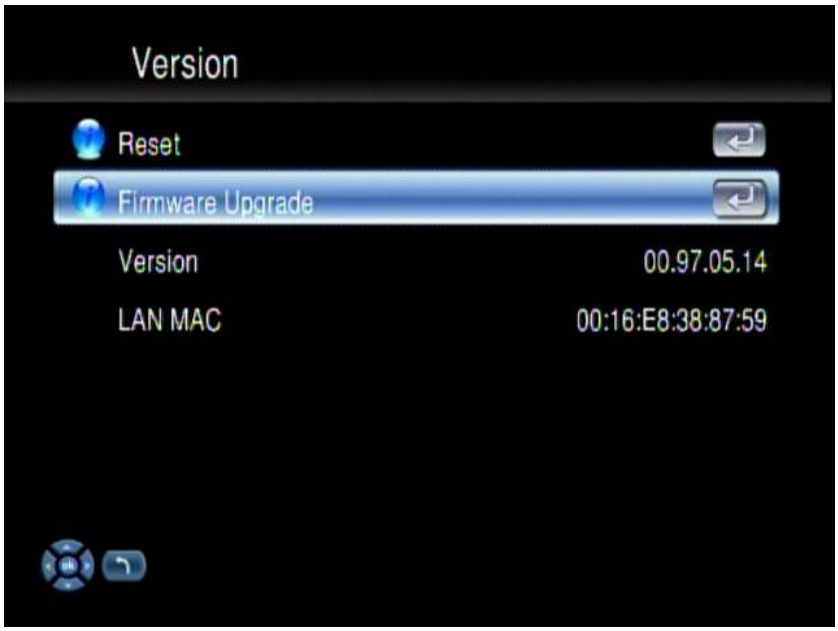
- There're two ways to upgrade the firmware. Go to 'Setup' in the main menu and select 'Version'. The current firmware version is shown there (eg. 01.00.02.14).

- The first way to upgrade the firmware is by 'Internet Upgrade' which is a convenient option without the necessity of a PC.

- Make sure the Fusion HD is connected to the Internet before attempting a firmware upgrade.

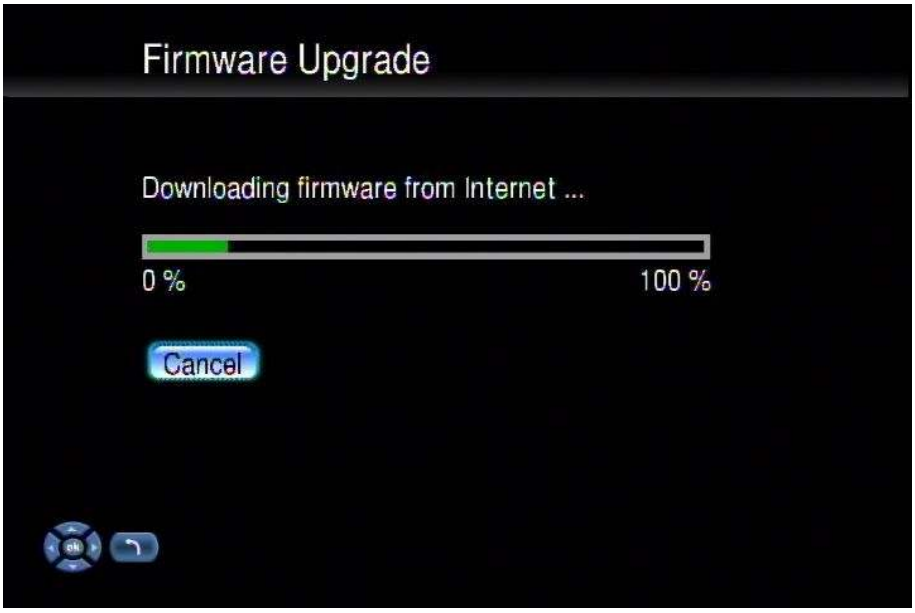
Follow the steps below to update your firmware via the internet:

1. Go to "Setup Main Menu", Select "Version" and then choose 'Firmware upgrade".



2. Choose “Internet Upgrade” and the system will automatically search for the latest available firmware from the Internet.

3. Follow the onscreen instructions to perform the firmware upgrade.



4. When the firmware upgrade has completed successfully, the Fusion HD will reboot automatically.

Firmware Upgrade via USB Device

An alternative way to update the firmware on you unit is to use the “USB Upgrade” option.

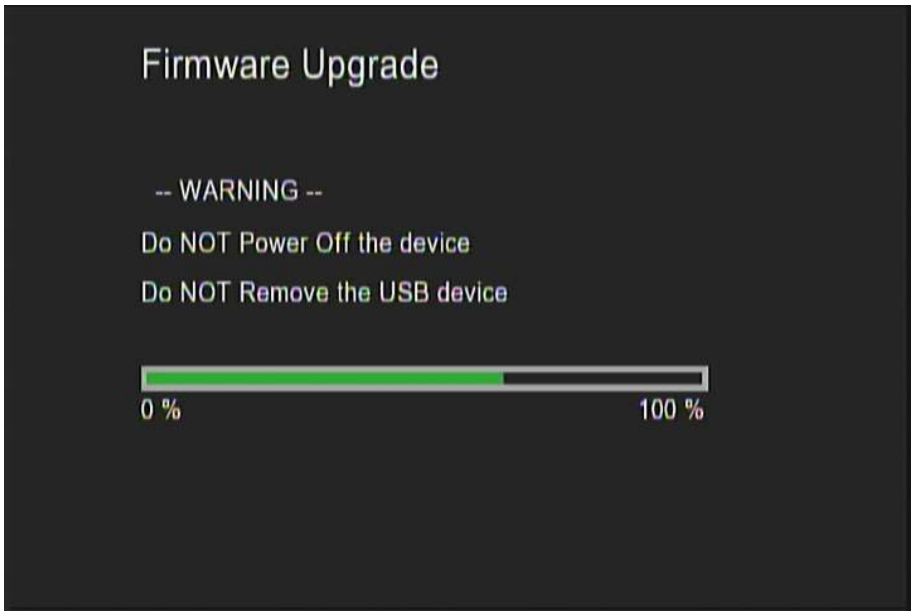
Follow the steps below to update your firmware using a USB device:

1. The latest firmware file is compressed and located on http://www.nixeus.com.
2. An example of the file name is v01.00.02.14.00.zip or upgrade.zip.
3. Download the firmware file and store it on your USB device.
4. Uncompress the firmware file to get the ‘upgrade.bin’ file and put it in the root directory of your USB device.
5. Insert the USB device to the USB port of the Fusion HD.
6. Go to “Set Up Main Menu”, Select “Version” and then choose ‘Firmware upgrade”.
7. Choose “USB Upgrade” and the system will automatically search for the ‘upgrade.bin’ file on your USB device.

WARNING: Do not power off the system or remove the USB device while the upgrade process is running.

8. Follow the onscreen instructions to perform the firmware upgrade.

Note: Ensure that the power DOES NOT turn off during the firmware update process or it will render your unit unusable.



9. When the firmware upgrade has completed successfully, the Fusion HD will reboot automatically.

WARNING: Do not power off the system or remove the USB device while the upgrade process is running.

Reset to Default

You can restore the unit back to its factory default state by following the steps below:

1. Go to “Set Up Main Menu”, Select “Version” and choose “Reset to Default”.
2. Make sure you want to do this and then press the “OK” button to restore the system to the default settings.

WARNING: Restoring the FusionHD to its default settings will erase the network set up and media server configuration. You will need to set up the FusionHD again to run on your network and to access media files.

System Settings

- The system language and other system settings are configured in the “System Setup” of the Setup Main Menu”.

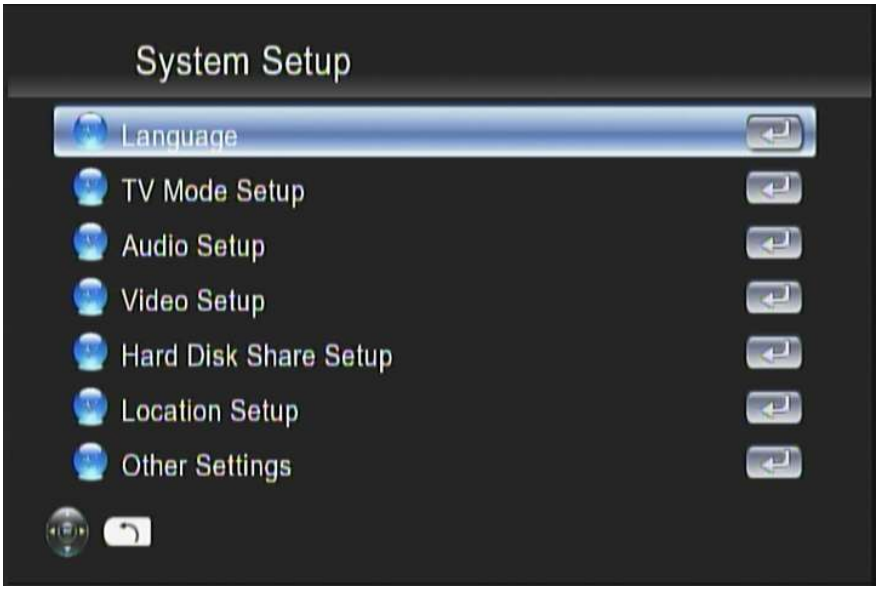
- Please select the item that you want to configure and press the “OK” or “Right” buttons on the remote control to enter the sub-page.

- After you have finished configuring, press the “Back” or “Left” buttons to leave the setup menu and save the configuration changes that you have made.

System Setup

If you want to change your system configuration, you can select “Setup” from the Main Page, and then select “System Setup” from the Setup Main Menu.

You can the select, configure or adjust your Language, TV mode, Audio, Video, HDD sharing and other settings here.



System Setup main page

The table below is a brief description of the System Setup.

Item Name	Value	Use
Language	Language	Select
TV Mode Setup	TV System/ Video Output/ Video Scale	Configure
Audio Setup	Digital Audio Output/Analog Audio Output	Configure
Video Setup	Brightness/ Contrast/ HUE/ Saturation	Adjust
Other Setting	Music, Photo & Video Display Option /Advance Setting	Configure
HardDisk Share Setup	User Name / Password	Configure

SYSTEM SETUP TABLE

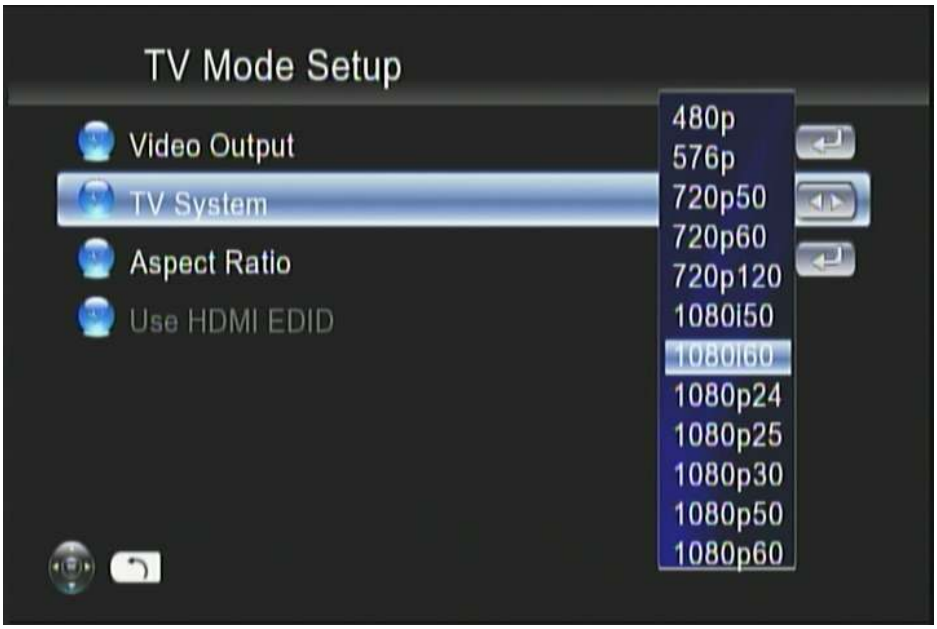
Language

Language Table

Item Name	Value	Use
Language	English/German/French/Italian/Spanish/Portugese /Turkish/Netherlandish/Serbian/Hebrew/Traditonal Chinese	Select

TV Mode Setup

You can go to the “System Setup” menu to change the TV mode settings, including the Video output, TV system and aspect ratio.



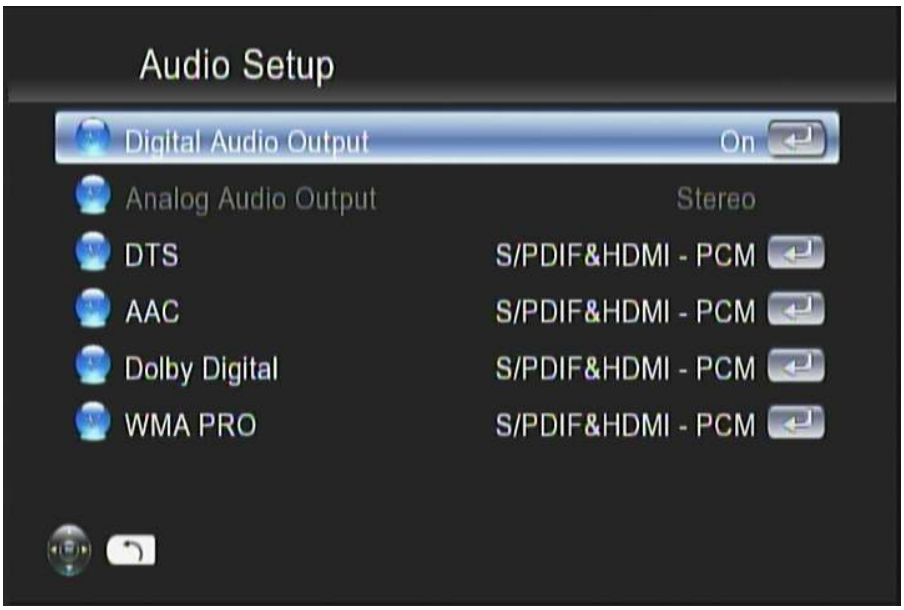
TV Mode Setup Table

Item Name	Value	Use
Video Output	P-SCAN Composite/ HDMI	Select
TV System	NTSC/480p/720p60/1080i60/1080p24/1080p60	Select
Aspect Ratio	4:3 PS/ 16:9/ 4:3 LB	Select
HDMI EDID	Enable/Disable	Switch
HDMI Color Depth	12/10/8 Bit	Select

Audio Setup

For DTS (Digital Theater System) audio tracks, the device passes it through the digital audio output port (Optical or Coaxial cable) to an external decoder.

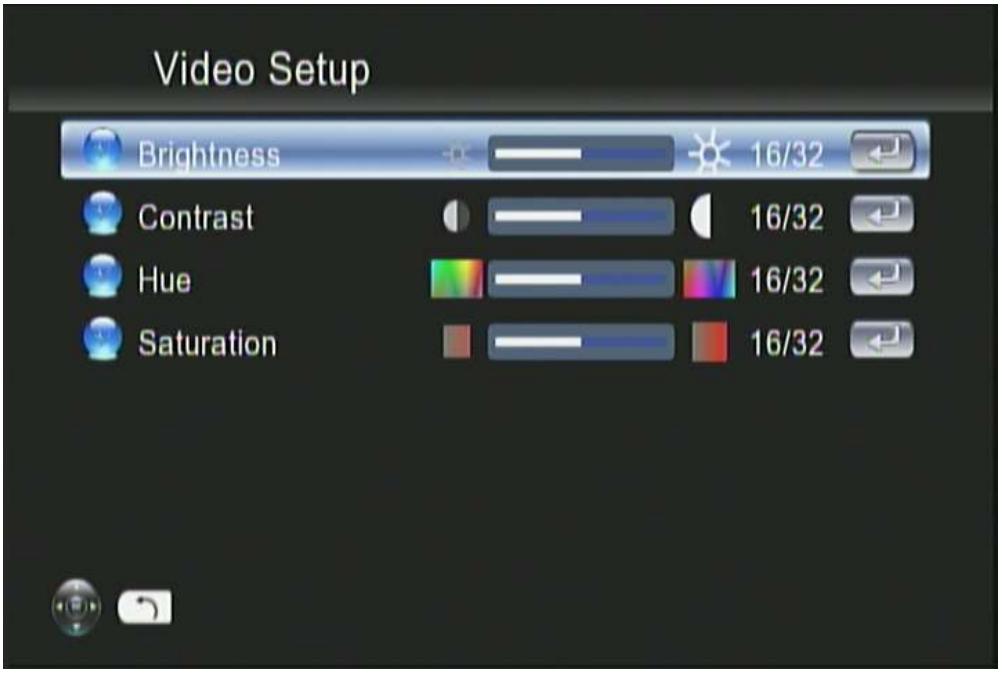
Please make sure the Digital Audio Output mode (SPDIF-PCM / SPDIF-RAW) is turned on if you are connecting the Optical/Coaxial cable.



Audio Setup Table

Item Name	Value	Use
Digital Audio Output	On/Off	Switch
Analog Audio Output	MONO R/ MONO L/ MIX MONO/ STEREO	Select
DTS	SPDIF/RAW PCM	Select
AAC	SPDIF/RAW PCM	Select
AC3	SPDIF/RAW PCM	Select
WMA PRO	SPDIF/RAW PCM	Select

Video Setup

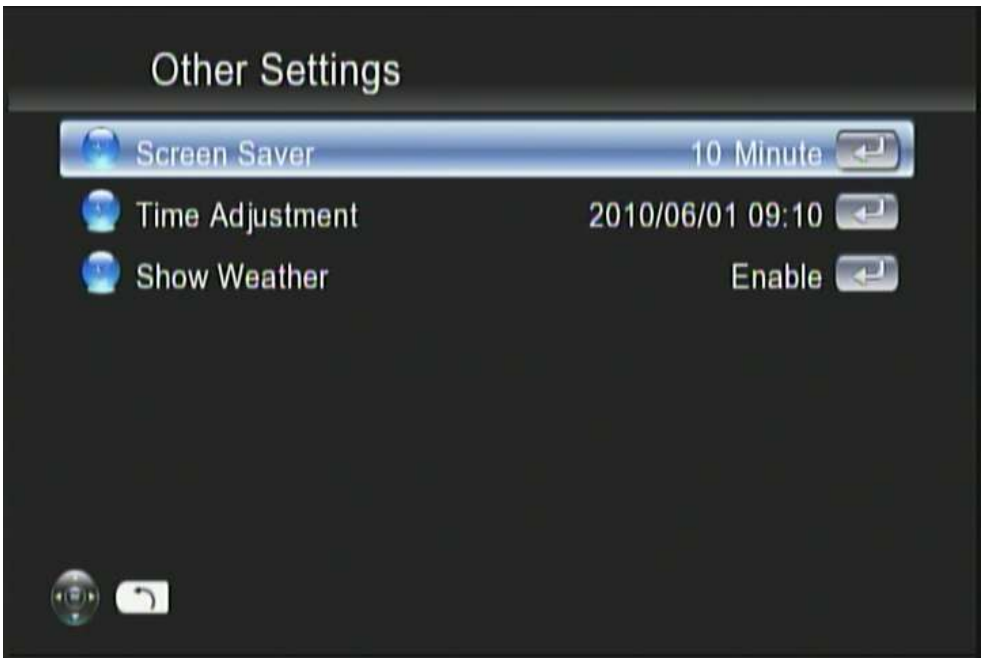


Video Setup Table

Item Name	Value	Use
Brightness	0 ~ 32	Adjust
Contrast	0 ~ 32	Adjust
HUE	0 ~ 32	Adjust
Saturation	0 ~ 32	Adjust

Other Settings

This section contains the following items and their descriptions in detail are in the table below.



Media Setup

This section contains the following items and their descriptions in detail are in the table below

Other Settings Table

Category	Item Name	Value	Use
Photo Display Opton	Photo Display Setup	List / Thumbnail	Switch
	Slide Show Time	1 sec ~ 3 min	Select
	Orientation Correction	Enable/Disable	Switch
Music Playing Option	Music Auto Play	One Time/Repeat	Switch
Video Playing Option	Video Resume Playing	Ask/Always/Off	Switch
	Play Next Video	Enable/Disable	Switch
	Video Subtitle	Enable/Disable	Switch
	DVD Settings	Preferred Subtitle/Audio	Select
	Auto Sync	Enable/Disable	Switch
DVD Setting			

LCD Setting

The brightness of the LCD panel can be adjusted.

1. Go to Setup → System Setup → Other Settings → Advanced Setting → LCD Setting → LCD Tone Level to adjust it.

Auto Sync

Some films are produced with 24 frames per second. You may see some poor quality on your screen due to frame rate conversion.

1. Turn on Auto Sync and then the TV output will be adjusted automatically to the correct mode.
2. Make sure HDMI EDID is turned on at the same time.

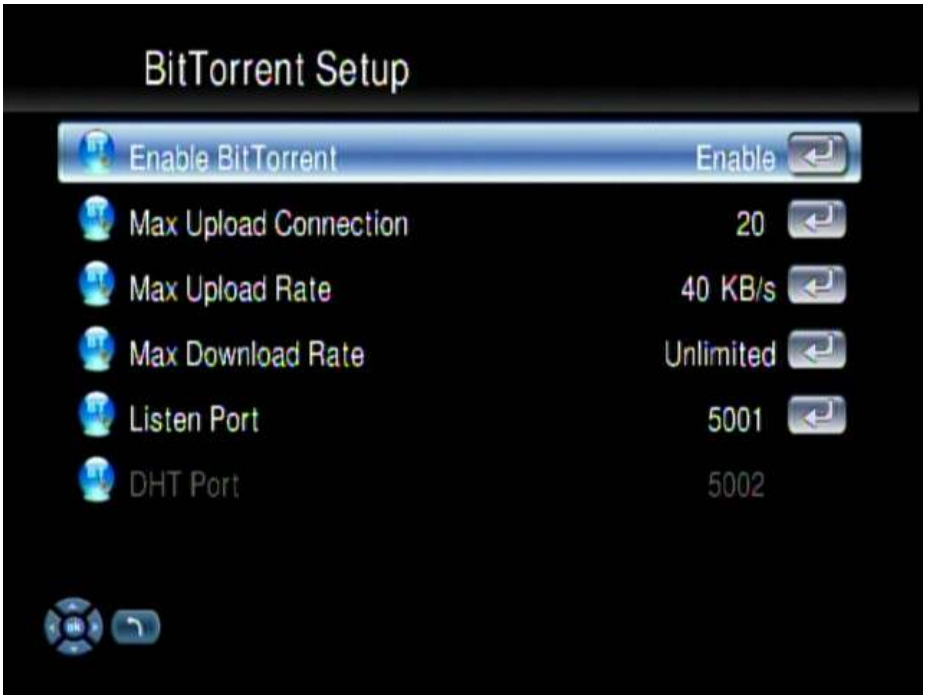
Hard Disk Share Setup

Once you have installed a HDD into your Fusion HD, you will be able to see “Hard Disk Share Setup” page so you can configure your HDD Settings.

Note: You can rename the default Share Name, Group Name, User Name and Password by using the on-screen keyboard.

Bit Torrent Setup

Please refer to the section named “Internet Media & Bit Torrent” for details on how to set your unit for to use the BitTorent Client.



Troubleshooting

- **No picture on the TV or poor display quality**

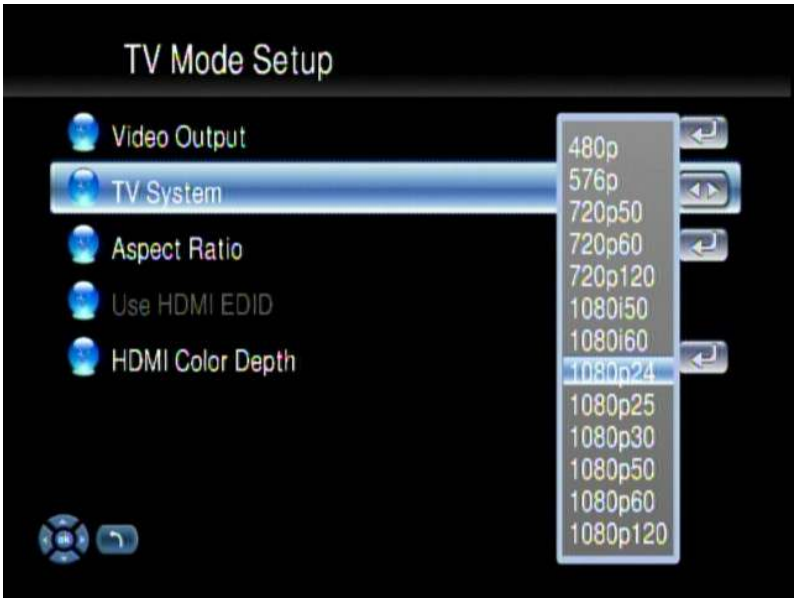
Make sure your TV is turned on and switched to the correct input.
Make sure the Fusion HD is turned on and switched to the correct TV mode.

If the TV Mode that you are using is not the right one for your television, you may not be able to see the display on television. To fix this problem, push the “Output” key on the remote control. You can cycle through each of the possible TV modes to find and select the correct one.

Make sure you are using the correct video cables and that they are connected firmly to the Fusion HD and to your TV.
The power cords for the Fusion HD and your TV are securely connected to a working power source.

- **Unstable Display with 1080p24 films**

Some films are produced with 24 frames per second. You may see some poor quality on your screen due to frame rate conversion.
Select 1080p24 as the TV output mode and turn on the “Auto Sync” function.



- **The Fusion HD does not find my network.**

  If you use wireless networks, make sure that the Wireless Network Name (SSID) and the security settings of the Fusion HD and media server match exactly.

  If you use a wired network, make sure the cable is secured correctly in the Ethernet port on the rear of the unit.

- **The Fusion HD does not receive a valid IP Address.**

  Verify that a working DHCP server is on your network. Devices on the network should get IP addresses in the correct range.

  You can use a Static IP Address if there is a problem connecting to a DHCP server.

  If you are using a wireless network, verify that the Fusion HD is associated with the correct SSID, and that the WEP settings on the Fusion HD match the setting on your access point.

- **No Subtitle when playing “mpeg2” files.**

  Make sure to enable the “subtitle” function by pressing the “subtitle” button every time when you are watching an mpeg2 video file

  If you have enabled the “Transcoding” function, the subtitle function may not work for some video files.

- **Cannot add music files to BGM list?**

  Ensure you did not add more than 500 music files to the BGM list due to the capacity of the BGM list is limited to 500 files.

- **Cannot find the Firmware Upgrade file on the USB device**

  Check to make sure you put the latest firmware file in the root directory of the USB device or the Fusion HD system cannot find it.

FAQ

Q: Is the format of my file supported?

Answer: The Fusion HD is able to support most file formats except for the list below. (Transcoding using UPnP server software on a PC over the network would be a playback option)
Music: WMA Lossless
Video: RM, RMVB, FLV.

Q: Why Does My Video Stutter And Lag When I Play It?

Answer: Answer: If you are playing back high bitrate files over your wireless connection, the playback of video can be affected. Performance may vary based on setup configuration and equipment..

Q: Is My 3.5” USB External HDD Enclosure supported?

Answer: Only externally powered 3.5” USB HDD Enclosures are supported.

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• Power supplies: Two (2) year

• Spare parts and spare kits: Ninety (90) days

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